ECO MEDICS

Report Template Manual

N2-MBW
N2-Washout Test
Multiple Breath

ECO MEDICS AG

Patient

Name:	**Muster Hans**		SPIROWARE Version:	3.3.2

ID:		MUSHAN01012009	Responsible:		Last First
Date of Birth:		01.01.1979	Test Date / Time:		16.09.2020 / 10:24:47
Age:		41.7	Temperature:	[°C]	28.3
Height:	[cm]	183.0	Atmos. Pressure:	[hPa]	961
Weight:	[kg]	83.0	BTPS insp / exp:		1.100 / 1.066
Gender:		männlich	Pre- / Postcap Vd:	[ml]	15.0 / 22.0
BMI:		24.8	Cal. Status Flow:		Ok
			Cal. Status O2/CO2:		Ok

Notes:

N2-Washout (Multiple Breath Test) — Reference values: Kjellberg 2016 XTC prelim

Trial #		Pred.*	Results	z-score	CV%	1	3
FRC	[l]	—	4.845	—	0.0	4.847	4.844
LCI 2.5% norm.		6.31	7.10	2.38	4.8	7.44	6.76
LCI 5% norm.		—	5.34	—	2.6	5.48	5.21
M1/M0		—	1.66	—	2.7	1.71	1.62
M2/M0		—	5.36	—	6.6	5.71	5.00
Scond*VT		0.022	0.028	1.20	28.6	0.020	0.036
Sacin*VT		0.065	0.058	-0.38	57.4	0.091	0.025
RQ		0.7-1.2	0.88	—	5.1	0.93	0.84
VT/FRC:		—	0.252	—	6.7	0.269	0.235
VTmedian:	[ml]	—	1220	—	6.7	1338	1157
VdCO2(Fowler):	[ml]	—	20	—	1227.5	263	—
CEV:	[l]	—	35.49	—	4.6	37.13	33.86

Test Information

SPIROWARE® 3.3.x

Note: This manual is a supplement to the "Operator's Manual EXHALYZER®D" and "Operator's Manual ANALYZER CLD 88 Series with DENOX 88". It is valid for SPIROWARE® 3.3.x or higher.
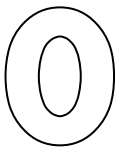
0

TABLE OF CONTENTS

⚠ *Read the safety precautions first!*
See device specific operator's manual

1.1

1. Template Design

1.1 Introduction

The SPIROWARE® software package enables the user to analyze the measurement data, as well as data administration.

> **Note:** *SPIROWARE® 3.3.x is designed to work with the ANALYZER CLD 88 sp or EXHALYZER®D only.*

This manual describes the report templates and its definitions, used in SPIROWARE 3.3.x Device users may generate specific report templates. Device administrators may import these templates into SPIROWARE 3.3.x.

1.2 Report Template Definitions

SPIROWARE 3.3.x report templates are stored as Rich Text Format (RTF).

The reporting engine loads the report templates, parses them for markers to replace them with real content. The reporting engine is capable of enumerating lists of items by reading two similar markers and calculating the extrapolation.

Document markers are always surrounded with the plus sign ('+') and are named after what they should represent. For example, the marker '+pNumber+' will be replaced later by the patient's identification string.

A complete reference of all markers can be found in chapter 2.

> **Note:** *Misspelling or a wrong template format would generate an error message during the import process of a new template.*

1.3

1.3   Template Editing

RTF is a product-independent format and can be imported and saved by several different word processors. However, not every software is capable of a nearly lossless conversion to/from RTF and the quality of the result may vary significantly.

> **Note:**   The ECO MEDICS logo "+rLogo+" has to be placed on the report to avoid an error message. The size may be reduced.

In addition, note that a conversion to/from RTF is not expected to be lossless or to be invertible without losing information. Therefore, you are strongly advised to save report templates in the native document format and to generate RTF documents at the end of the editing phase.

The SPIROWARE 3.3.x reporting engine has been tested with RTF documents generated with Microsoft Word.

> **Note:**   User specific logos may be added to the report. The size of the logo should not exceed 100 kb!

1.4

1.4   Page Layout

The SPIROWARE 3.3.x reporting engine does not have the concept of multiple pages and page breaks. These are inserted at a later stage by the printing system and are not under the control of SPIROWARE 3.3.x. (As a consequence, the concept of page headers and page footers is also missing.)

Fig.: 1.1 Template

FENO Fractional Exhaled Nitric Oxide	+rLogo+	**ECO MEDICS AG** Switzerland

PATIENT:			
ID:	+pnumber+	**Operator:**	+oUserName+
Name:	+plastname+ +pfirstname+	**Test Date:**	+gDate+

Remarks: +pDesc+

FeNO: Single Breath Test

+gNoGraph+

Test	**FENO**	**V'NO**	FINO	exsp. Flow
Nr.	ppb	nl/min	ppb	ml/sec
+tnum1+	+tfeno1+	+tvno1+	+tfino1+	+tplatf1+
+tnum2+	+tfeno2+	+tvno2+	+tfino2+	+tplatf2+
Result:	**+gFeno+**	**+gVno+**		
deviation:	+gVar+			
Interpretation:	+gNormJdg+			

ATS/ERS compliance:	+gAtsErs+
NO Calibration status:	+gNoCalStat+
Flow Calibration status:	+gFCalStat+
Warnings:	+wReason1+ +wReason2+
Report created:	+rDate+
Sign.	………………………………………….

2.1

2.   References

2.1   All Reports

Marker	Description
+rLogo+	The ECO MEDICS company logo
+rDate+	The date when the report is created
+rVersion+	The SPIROWARE version
+rVersionClient+	The detailed version of the Spiroware client software
+rVersionServer+	The detailed version of the Spiroware server software

Note: *The ECO MEDICS logo has to be placed somewhere on the report template.*

2.2   All Test Reports

+pFirstName+	First name of the patient
+pLastName+	Last name of the patient
+pNumber+	Patient number
+pBirth+	Birth date
+pGen+	Gender/sex
+pEth+	Ethnicity
+pAsth+	Asthma status (at test time)
+pSmoke+	Smoker status (at test time)
+pHeight+	Height in centimeters (at test time)
+pWeight+	Weight in kilograms (at test time)
+pBMI+	Body mass index (at test time)
+pDesc+	Description (at test time)
+oFirstName+	First name of the operator performing the test
+oLastName+	Last name of the operator
+oUserName+	User name (login) of the operator
+sFirstName+	First name of the supervisor in charge for the test
+sLastName+	Last name of the supervisor
+sUserName+	User name of the supervisor

+sSensorId+	The Sensor ID
+sSensorDesc+	The Sensor description
+gDraftInfo+	An empty string if the test is concluded, the text "InfoDraftTest" is shown otherwise
+gMetaInfoTable+	The table shows all test settings / informations
Hospital Information System	
+gHisPatientId+	HIS Patient-ID (of the test)
+gHisVisitId+	HIS Visit-ID (of the test)
+gHisOrderNo+	HIS Order Number (of the test)
+gHisAttDoctor+	HIS Attending Doctor (of the test)
+gHisRefDoctor+	HIS Referring Doctor (of the test)
+gUnitFlow+	The string "[ml/s]" if flow values are shown in milli-unit, the string "[l/s]" otherwise
+gUnitVolume+	The string "[ml]" if volume values are shown in milli-unit, the string "[l]" otherwise
+gUnitAFV+	The string "[ml^2/s]" if area of flow/volume loop (AFV) values are shown in milli-unit, the string "[l^2/s]" otherwise
+gUnitHeight+	The string "[cm]" if values are shown in metric units, the string "[in]" otherwise (british units)
+gUnitWeight+	The string "[kg]" if values are shown in metric units, the string "[lb]" otherwise (british units)

2.3 FeNO Single Breath Tests

Cooperative NO tests consist of the test object itself, a list of NO trials and a list of warnings. Depending on the type of the cooperative test, the attributes of the test object may vary.

2.3.1 Single Breath Test

+gAtsErs+	ATS/ERS compliancy [true/false]
+gDate+	Date when the test was performed
+gDateReload+	Date when the test was reloaded
+gFeNO+	Average trial FeNO
+gVar+	Overall FeNO variance percent
+gVNO+	Average trial V'NO
+gNoCalStat+	The calibration status of the NO sensor (expired or ok)
+gFCalStat+	The calibration status of the Flow sensor (expired or ok)
+gNormJdg+	The judgment according to the normative table
+gNormTbl+	The normative table (must not occur more than once!)

+gNoGraph+	A graph overlaying the NO curves of all trials (must not occur more than once!)
+gFlowGraph+	A graph overlaying the flow curves of all trials (must not occur more than once!)

2.3.2   Alveolar NO Test

+gDate+	Date when the test was performed
+gDateReload+	Date when the test was reloaded
+gDwNo+	Air wall tissue to air way diffusion rate in [ml/s]
+gFaNo+	Alveolar NO concentration in [ppb]
+gFeNoC+	Calculated FeNO-50 concentration in [ppb]
+gFwNo+	Air wall tissue NO concentration in [ppb]
+gJwNo+	NO flux from air all tissue to air way in [pl/s]
+gModOk+	Indicates whether the model returns usable results [true/false]
+gVNO+	Average trial V'NO
+gNoCalStat+	The calibration status of the NO sensor (expired or ok)
+gFCalStat+	The calibration status of the Flow sensor (expired or ok)
+gNoGraph+	A graph overlaying the NO curves of all trials (must not occur more than once!)
+gFlowGraph+	A graph overlaying the flow curves of all trials (must not occur more than once!)

2.3.3   NO Nasal Test

+gDate+	Date when the test was performed
+gDateReload+	Date when the test was reloaded
+gFeNO+	Average trial FeNO
+gVar+	Overall FeNO variance percent
+gVNO+	Average trial V'NO
+gNoCalStat+	The calibration status of the NO sensor (expired or ok)
+gFCalStat+	The calibration status of the Flow sensor (expired or ok)
+gNormJdg+	The judgment according to the normative table
+gNormTbl+	The normative table (must not occur more than once!)
+gNoGraph+	A graph overlaying the NO curves of all trials (must not occur more than once!)
+gFlowGraph+	A graph overlaying the flow curves of all trials (must not occur more than once!)

2.4

2.3.4 FeNO Trials

As a test can possibly contain more than one trial, each key needs to be mentioned exactly twice ("+tFeNO1+" and "+tFeNO2+") to indicate a pattern how to continue with this sequence.

+tComment1+	Comment added to the test trial
+tExpTime1+	Duration of the expiration up to the end of the plateau in [s]
+tFeNO1+	Fractional Exhaled NO concentration during the plateau phase in [ppb]
+tFiNO1+	Fractional Inhaled NO concentration in [ppb]
+tFlowGraph1+	Curve showing the measured flow values
+tInspT1+	Duration of the inspiration [s]
+tInspV1+	Inspired volume in [ml]
+tNoGraph1+	Curve of the measured NO values
+tNum1+	Trial number
+tPlatF1+	Average flow rate during the plateau genaration
+tPlatT1+	Duration of the defined plateau in [s]
+tTargF1+	Target flow applied for the trial
+tTime1+	Time when the trial was measured
+tVNO1+	Exhaled NO normalized with the exhalation volume in [nl/min]
+tNormJdg1+	The judgement based on the normative table

2.4 FeNO Multiple Breath Test

This non-cooperative NO test consist of the test object itself, the TBFVL indices, a list of NO trials and a list of warnings.

+gDate+	Date when the test was performed
+gDateReload+	Date when the test was reloaded
+gTime+	Day Time when the test was performed
+gTimeReload+	Day Time when the test was reloaded
+gNoOfBreathsIncl+	Number of breaths included in the test
+gNoOfBreathsTbfvl+	Number of breaths included in the TBFVL analysis
+gFeNO+	Average FeNO in [ppb]
+gNOVar+	The % variation from the min FeNO to the max FeNO
+gVNO+	Exhaled NO normalized with the exhalation volume in [nl/min]
+gFiNO+	Average FiNO in [ppb]
+gPltF+	Plateau flow in [ml/s]

+gExpV+	The expired volume in [ml]
+gFlowVolChart+	Air wall tissue NO concentration in [ppb]
+gNoTimeChart+	The NO over time chart
+gNoVolChart+	The NO to volume chart
+gWarn+	Whether the test has warnings or not
+gNoCalStat+	The calibration status of the NO sensor (expired or ok)
+gFCalStat+	The calibration status of the Flow sensor (expired or ok)
+gComment+	Any comment saved with the test
+gNormJdg+	The judgement according to the normative table
+gNormTbl+	The normative table (must not occur more than once!)
Standard-Deviation trial	
+sdFeNO+	The standard deviation of the average FeNO
+sdNOVar+	The standard deviation of the variation from the min FeNO to the max FeNO
+sdVNO+	The standard deviation of the exhaled NO normalized with the exhalation volume
+sdFiNO+	The standard deviation of the average FiNO
+sdPltF+	The standard deviation of the plateau flow
+sdExpV+	The standard deviation of the expired volume
Coefficient-of-Variation trial *(1 decimal)*	
+cvFeNO+	The coefficient of variation of the average FeNO in [%]
+cvNOVar+	The coefficient of variation of the variation from the min FeNO to the max FeNO in [%]
+cvVNO+	The coefficient of variation of the exhaled NO normalized with the exhalation volume in [%]
+cvFiNO+	The coefficient of variation of the average FiNO in [%]
+cvPltF+	The coefficient of variation of the plateau flow in [%]
+cvExpV+	The coefficient of variation of the expired volume in [%]

2.5   NO Offline Test

+gDate+	Date when the test was performed
+gDateReload+	Date when the test was reloaded
+gNOMax+	Max. FeNO in [ppb]
+gNOMean+	Average trial FeNO
+gNOMin+	Min. FeNO in [ppb]
+gNOVar+	The % variation from the min FeNO to the max FeNO
+gNOGraph+	Curve of the measured NO values
+gNoCalStat+	The calibration status of the NO sensor (expired or ok)

2.6

+gFCalStat+	The calibration status of the Flow sensor (expired or ok)
+gComment+	Any comment saved with the test
+gNormJdg+	The judgement based on the normative table
+gNormTbl+	The normative table

2.6   N2/SF6/He-Multiple Breath Washout

2.6.1 Multiple Breath Washout Tests

+gDate+	Date when the test was performed
+gDateReload+	Date when the test was reloaded
+gTime+	Time when the test was performed
+gTimeReload+	Day Time when the test was reloaded
+gTemperature+	Average ambient Temperature of all trials in [C°]
+gPressure+	Average ambient Pressure of all trials in [hPa]
+gFlowInspCorr+	Average inspiratory flow BTPS correction factor of all trials
+gFlowExpCorr+	Average expiratory flow BTPS correction factor of all trials
+gPreCapDS+	The pre-capillary deadspace when the test was performed in [ml]
+gPostCapDS+	The post-capillary deadspace when the test was performed in [ml]
+gFlowCalStat+	The calibration status of the Flow sensor (expired or ok)
+gO2CalStat+	The calibration status of the O2 sensor (expired or ok)
+gMMssCalStat+	The calibration status of the MMss sensor (expired or ok)
+gNoOfBreathsIncl+	The total number of breaths in all included trials
+gNoOfBreathsTbfvl+	The total number of breaths included in the TBFVL analysis

2.6.2 Multiple Breath Washout Trials

Since a test can possibly contain more than one trial, each key needs to be mentioned exactly twice ("+n2tFRC1+" and "+n2tFRC2+") to indicate a pattern how to continue with this sequence.

+n2tTime1+	Time when the trial was measured
+n2tWashoutTime1+	The washout time of the trial in [s] *(0 decimals)*
+n2tNumber1+	The trial number
+tNoOfBreathsTotal1+	The total number of breaths in the trial
+tNoOfBreathsInclTbfvl1+	Number of breaths included in the TBFVL analysis

+n2tNoOfWBreaths1+	Number of washout breaths in the trial
+n2tNoOfWBinLimit1+	Number of washout breaths within the slope limit
+n2tNoOfWBExclLimit1+	Number of washout breaths excluded within slope limit
+n2tFRC1+	The FRC value of the trial in [l]
+n2tFRCatTO61+	The FRC value of the trial at TO 6 in [l]
+n2tLCI251+	The LCI-2.5 value of the trial
+n2tLCI51+	The LCI-5 value of the trial
+n2tCEV1+	The cumulated expiration volume in [l]
+n2tFlowInsp1+	The mean inspired flow in [ml/s] *(0 decimals)*
+n2tFlowExp1+	The mean expired flow in [ml/s] *(0 decimals)*
+n2tVTInsp1+	The mean inspired volume in [ml] *(0 decimals)*
+n2tVTExp1+	The mean expired volume in [ml] *(0 decimals)*
+n2tVT1+	The mean volume in [ml] *(0 decimals)*
+n2tCO2Cet1+	The mean CO_2 end tidal concentration in [%]
+n2tVdCO2MeanFowler1+	The mean airway volume of deadspace for CO_2 according Fowler in [ml]
+n2tVdCO2MeanLangley1+	The mean airway volume of deadspace for CO_2 according Langley in [ml]
+n2tN2CetNormTO61+	The normalized N_2 end tidal concentration at TO 6 in [%]
+n2tRQ1+	The respiratory quotient
+n2tM1M0Ratio1+	The M1/M0 moment ratio
+n2tM2M0Ratio1+	The M2/M0 moment ratio
+n2tM1M0-6Ratio1+	The M1/M0 moment ratio at TO 6
+n2tM2M0-6Ratio1+	The M2/M0 moment ratio at TO 6
+n2tM1M0-8Ratio1+	The M1/M0 moment ratio at TO 8
+n2tM2M0-8Ratio1+	The M2/M0 moment ratio at TO 8
+n2tScondVT1+	The Scond * VT value of the trial in [l]
+n2tSacinVT1+	The Sacin * VT value of the trial in [l]
+n2tPacinVT1+	The Pacin * VT value of the trial in [l]
+n2tScond1+	The Scond value of the trial in [1/l]
+n2tSacin1+	The Sacin value of the trial in [1/l]
+n2tPacin1+	The Pacin value of the trial in [1/l]
+n2tSnIIIVT1stBreath1+	The SnIII * VT value of the first breath
+n2tSnIII1stBreath1+	The SnIII value of the first breath in [1/l]
+n2tVTdivFRC1+	The VTmean / FRC value
+n2tEELMean1+	The mean end expiratory level of the trial in [l] or [ml]
+n2tEELTotal1+	The total end expiratory level of the trial in [l] or [ml]

2.6

+n2tO2Consumed1+	The consumed O2 of the trial in [ml]
+n2tCO2Emitted1+	The emitted CO2 of the trial in [ml]
+n2tComment1+	Comment added to the trial
+n2tRating1+	The rating of the trial (grade)
+n2tFlowVolChart1+	The Flow vs. Volume chart of all pre-phase breaths
+n2tCO2VolChart1+	The CO_2 vs. Volume chart of all pre-phase breaths
+n2tFlowTimeChart1+	Curve showing the Flow[ml/s] vs. Time values of the trial
+n2tVolTimeChart1+	Curve showing the Volume[ml] vs. Time values of the trial
+n2tN2TimeChart1+	Curve showing the N_2/SF$_6$/He[%] vs. Time values of the trial
+n2tO2TimeChart1+	Curve showing the O2[%] vs. Time values of the trial
+n2tCO2TimeChart1+	Curve showing the CO2[%] vs. Time values of the trial
+n2tLogN2CetNormBNChart1+	Curve showing the Log(N2/SF$_6$/He CetNorm[%]) vs. BreathNo values of the trial
+n2tLogN2CetNormTOChart1+	Curve showing the Log(N2/SF$_6$/He CetNorm[%]) vs. TO values of the trial
+n2tMeasN2CetNormBNChart1+	Curve showing the measured N2/SF$_6$/He CetNorm[%] vs. BreathNo values of the trial
+n2tMeasN2CetNormTOChart1+	Curve showing the measured N2/SF$_6$/He CetNorm[%] vs. TO values of the trial
+n2tFRCvsBNChart1+	Curve showing the FRC [l] vs. BreathNo values of the trial
+n2tFRCvsTOChart1+	Curve showing the FRC [l] vs. TO values of the trial
+n2tSnIIIvsBNChart1+	The SnIII vs. BreathNo chart of the trial (all curves)
+n2tSnIIIvsTOChart1+	The SnIII vs. TO chart of the trial (all curves)
+n2tSnIIIVTvsBNChart1+	The SnIII vs. BreathNo chart of the trial (SnIII*VT curve only)
+n2tSnIIIVTvsTOChart1+	The SnIII vs. TO chart of the trial (SnIII*VT curve only)
+n2tCompLogChart1+	The Compartment chart of the trial (logarithmic values) (N2-MBW ONLY!)
+n2tCompMeasChart1+	The Compartment chart of the trial (measured values) (N2-MBW ONLY!)

2.6.3 Multiple Breath Washout super-imposed Trials

+n2sitNoOfBreaths+	Number of breaths in the super-imposed trial
+n2sitFRC+	The FRC value of the super-imposed trial in [l]
+n2sitFRCatTO6+	The FRC value at TO 6 of the super-imposed trial in [l]
+n2sitFRC+	The FRC value of the super-imposed trial in [l]
+n2sitLCI25+	The LCI-2.5 value of the super-imposed trial
+n2sitLCI5+	The LCI-5 value of the super-imposed trial
+n2sitCEV+	The cumulated expiration volume in [l]
+n2sitFlowInsp+	The mean inspired flow in [ml/s]

+n2sitFlowExp+	The mean expired flow in [ml/s]
+n2sitVTInsp+	The mean inspired volume in [ml]
+n2sitVTExp+	The mean expired volume in [ml]
+n2sitVT+	The mean volume in [ml]
+n2sitCO2Cet+	The mean CO_2 end tidal concentration in [%]
+n2sitVdCO2MeanFowler+	The mean airway volume of deadspace for CO_2 according Fowler in [ml]
+n2sitVdCO2MeanLangley+	The mean airway volume of deadspace for CO_2 according Langley in [ml]
+n2sitN2CetNormTO6+	The normalized N_2 end tidal concentration at TO 6 in [%]
+n2sitRQ+	The respiratory quotient
+n2sitM1M0Ratio+	The M1/M0 moment ratio
+n2sitM2M0Ratio+	The M2/M0 moment ratio
+n2sitM1M0-6Ratio+	The M1/M0 moment ratio at TO 6
+n2sitM2M0-6Ratio+	The M2/M0 moment ratio at TO 6
+n2sitM1M0-8Ratio+	The M1/M0 moment ratio at TO 8
+n2sitM2M0-8Ratio+	The M2/M0 moment ratio at TO 8
+n2sitScondVT+	The Scond * VT value of the super-imposed trial in [l]
+n2sitSacinVT+	The Sacin * VT value of the super-imposed trial in [l]
+n2sitPacinVT+	The Pacin * VT value of the super-imposed trial in [l]
+n2sitScond+	The Scond value of the super-imposed trial in [1/l]
+n2sitSacin+	The Sacin value of the super-imposed trial in [1/l]
+n2sitPacin+	The Pacin value of the super-imposed trial in [1/l]
+n2sitSnIIIVT1stBreath+	The SnIII * VT value of the super-imposed trial
+n2sitSnIII1stBreath+	The SnIII value of the super-imposed trial in [1/l]
+n2sitVTdivFRC+	The VTmean / FRC value
+n2sitWashoutTime+	The washout time of the super-imposed trial in [s]
+n2sitLogN2CetNormBNChart+	Curve showing the Log(N_2/SF6/HeCetNorm[%]) vs. BreathNo values of all trials (incl. super-imposed trial)
+n2sitLogN2CetNormTOChart+	Curve showing the Log(N_2/SF6/He CetNorm[%]) vs. TO values of all trials (incl. super-imposed trial)
+n2sitMeasN2CetNormBNChart+	Curve showing the measured N_2/SF6/He CetNorm[%] vs. BreathNo values of all trials (incl. super-imposed trial)
+n2sitMeasN2CetNormTOChart+	Curve showing the measured N_2/SF6/He CetNorm[%] vs. TO values of all trials (incl. super-imposed trial)
+n2sitFRCvsBNChart+	Curve showing the FRC [l] vs. BreathNo values of all trials (incl. super-imposed trial)
+n2sitFRCvsTOChart+	Curve showing the FRC [l] vs. TO values of all trials (incl. super-imposed trial)
+n2sitSnIIIvsBNChart+	The SnIII vs. BreathNo chart of the super-imposed trial (all curves)
+n2sitSnIIIvsTOChart+	The SnIII vs. TO chart of the super-imposed trial (all curves)

+n2sitSnIIIVTvsBNChart+	The SnIII vs. BreathNo chart of the super-imposed trial (SnIII*VT curve only)
+n2sitSnIIIVTvsTOChart+	The SnIII vs. TO chart of the super-imposed trial (SnIII*VT curve only)

Compartment analysis (N2-MBW only)

+sitFidealN2+	The F ideal N_2 value
+sitVdFdivVT+	The VdF / VT ratio in [%]
+sitWfaster+	The dilution factor (ω) of the faster compartment
+sitWslower+	The dilution factor (ω) of the slower compartment
+sitWfull+	The dilution factor (ω) of the full compartment
+sitVTalvFaster+	The alveolar tidal volume of the faster compartment in [ml]
+sitVTalvSlower+	The alveolar tidal volume of the slower compartment in [ml]
+sitVTalvFull+	The alveolar tidal volume of the full compartment in [ml]
+sitFRCfasterRatio+	The FRC faster / FRC full ratio in [%]
+sitFRCslowerRatio+	The FRC slower / FRC full ratio in [%]
+sitSpecVentFaster+	The specific ventilation of the faster compartment in [%]
+sitSpecVentSlower+	The specific ventilation of the slower compartment in [%]
+sitSpecVentRatio+	The specific ventilation ratio (faster / slower)

TBFVL Indices

+sitTimeInsp+	The inspiratory time (TInsp) in [s]
+sitTimeExp+	The expiratory time (TExp) in [s]
+sitTimeTotal+	The total time (TTotal) in [s]
+sitPIF+	The peak inspiratory flow (PIF) in [l/s] or [ml/s]
+sitPEF+	The peak expiratory flow (PEF) in [l/s] or [ml/s]
+sitTPIF+	The time to peak inspiratory flow (TPIF) in [s]
+sitTPEF+	The time to peak expiratory flow (TPEF) in [s]
+sitVolInsp+	The inspiratory volume (VInsp) in [l] or [ml]
+sitVolExp+	The expiratory volume (VExp) in [l] or [ml]
+sitTidalVolume+	The tidal volume (VT) in [l] or [ml]
+sitTidalVolumeWeight+	The tidal volume (VT) per body weight in [ml/kg]
+sitEEL+	The end expiratory level (EEL) in [l] or [ml]
+sitEELtotal+	The total end expiratory level (EELTotal) in [l] or [ml]
+sitRR+	The respiratory rate in [1/min]
+sitTIdivTT+	The ratio TInsp / TTotal in [%]
+sitTEdivTT+	The ratio TExp / TTotal in [%]
+sitTIdivTE+	The ratio TInsp / TExp in [%]
+sitTPEFdivTE+	The ratio TPEF / TExp in [%]

+sitMTIF+	The mean tidal inspiratory flow (MTIF) in [l/s] or [ml/s]
+sitMTEF+	The mean tidal expiratory flow (MTEF) in [l/s] or [ml/s]
+sitMinuteVentilation+	The minute ventilation [l/min] or [ml/min]
+sitMinuteVentWeight+	The minute ventilation per body weight [ml/min/kg]
+sitTEF75+	The tidal expiratory flow 75% remaining (TEF75) in [l/s] or [ml/s]
+sitTEF50+	The tidal expiratory flow 50% remaining (TEF50) in [l/s] or [ml/s]
+sitTEF25+	The tidal expiratory flow 25% remaining (TEF25) in [l/s] or [ml/s]
+sitTEF10+	The tidal expiratory flow 10% remaining (TEF10) in [l/s] or [ml/s]
+sitTIF50+	The tidal inspiratory flow at 50% of VInsp (TIF50) in [l/s] or [ml/s]
+sitVPIF+	The volume at time of PIF (VPIF) in [l] or [ml]
+sitVPEF+	The volume at time of PEF (VPEF) in [l] or [ml]
+sitTEF50divTIF50+	The ratio TEF50 / TIF50 in [%]
+sitTEF75divPEF+	The ratio TEF75 / PEF in [%]
+sitTEF50divPEF+	The ratio TEF50 / PEF in [%]
+sitTEF25divPEF+	The ratio TEF25 / PEF in [%]
+sitTEF10divPEF+	The ratio TEF10 / PEF in [%]
+sitPEFdivVolExp+	The ratio PEF / VExp in [1/s]
+sitVPEFdivVT+	The ratio VPEF / VT in [%]
+sitAFV+	The area of flow/volume loop (AFV) in $[l^2/s]$ or $[ml^2/s]$
+sitInspDrive+	The inspiration drive (VInsp / TInsp) in [ml/s]
+sitO2Consumed+	The consumed O_2 in [ml]
+sitCO2Emitted+	The emitted CO_2 in [ml]
+sitRQ+	The TBFVL respiratory quotient
+sitCO2Cet+	The TBFVL CO_2 end tidal concentration in [%]
+sitO2Cet+	The O_2 end tidal concentration in [%]

2.6.4 Multiple Breath Washout Normative Values

+n2predFRC+	The predicted FRC value in [l] or [ml]
+n2predLCI25+	The predicted LCI-2.5 value
+n2predLCI5+	The predicted LCI-5 value
+n2predRQ+	The predicted respiratory quotient
+n2predScondVT+	The predicted Scond * VT value
+n2predSacinVT+	The predicted Sacin * VT value
+n2predPacinVT+	The predicted Pacin * VT value

+n2predScond+	The predicted Scond value in [1/l]
+n2predSacin+	The predicted Sacin value in [1/l]
+n2predPacin+	The predicted Pacin value in [1/l]
+n2predSnIIIVT1stBreath+	The predicted SnIII * VT value (1st breath)
+n2predSnIII1stBreath+	The predicted SnIII value (1st breath) in [1/l]
+n2predM1M0Ratio+	The predicted M1/M0 moment ratio
+n2predM2M0Ratio+	The predicted M2/M0 moment ratio
+n2predN2CetNormTO6+	The predicted N2/SF6/HeCetNorm@TO 6 value in [%]
+n2predVdCO2Fowler+	The predicted VdCO2 Fowler value in [ml]
+n2predVdCO2Langley+	The predicted VdCO2 Langley value in [ml]
+n2predWashoutTime+	The predicted washout time in [s]
+n2%predFRC+	The %-predicted FRC value in [%] *(0 decimals)*
+n2%predLCI25+	The %-predicted LCI-2.5 value in [%] *(0 decimals)*
+n2%predLCI5+	The %-predicted LCI-5 value in [%] *(0 decimals)*
+n2%predScondVT+	The %-predicted Scond * VT value in [%] *(0 decimals)*
+n2%predSacinVT+	The %-predicted Sacin * VT value in [%] *(0 decimals)*
+n2%predPacinVT+	The %-predicted Pacin * VT value in [%] *(0 decimals)*
+n2%predM1M0Ratio+	The %-predicted M1/M0 moment ratio in [%] (0 decimals)
+n2%predM2M0Ratio+	The %-predicted M2/M0 moment ratio in [%] (0 decimals)
+n2%predN2CetNormTO6 +	The %-predicted N2CetNorm@TO 6 value in [%] (0 decimals)
+n2%predWashoutTime+	The %-predicted washout time in [s] (0 decimals)
+n2zscoreFRC+	The Z-Score value of the FRC (1 decimal)
+n2zscoreLCI25+	The Z-Score value of the LCI-2.5 *(1 decimal)*
+n2zscoreLCI5+	The Z-Score value of the LCI-5 *(1 decimal)*
+n2zscoreRQ+	The Z-Score value of the respiratory quotient (1 decimal)
+n2zscoreScondVT+	The Z-Score value of the Scond * VT value (1 decimal)
+n2zscoreSacinVT+	The Z-Score value of the Sacin * VT value (1 decimal)
+n2zscorePacinVT+	The Z-Score value of the Pacin * VT value (1 decimal)
+n2zscoreScond+	The Z-Score value of the Scond value (1 decimal)
+n2zscoreSacin+	The Z-Score value of the Sacin value (1 decimal)
+n2zscorePacin+	The Z-Score value of the Pacin value (1 decimal)
+n2zscoreM1M0Ratio+	The Z-Score value of the M1/M0 moment ratio (1 decimal)
+n2zscoreM2M0Ratio+	The Z-Score value of the M2/M0 moment ratio (1 decimal)
+n2zscoreN2CetNormTO6 +	The Z-Score value of the N2CetNorm@TO 6 value (1 decimal)

+n2zscoreVdCO2Fowler+	The Z-Score value of the VdCO2 Fowler (1 decimal)
+n2zscoreVdCO2Langley+	The Z-Score value of the VdCO2 Langley (1 decimal)
+n2zscoreWashoutTime+	The Z-Score value of the washout time (1 decimal)
Compartment analysis (N2-MBW only)	
+predFidealN2+	The predicted F ideal N_2 value
+predVdFdivVT+	The predicted ratio VdF / VT in [%]
+predWfaster+	The predicted dilution factor (ω) of the faster compartment
+predWslower+	The predicted dilution factor (ω) of the slower compartment
+predWfull+	The predicted dilution factor (ω) of the full compartment
+predVTalvFaster+	The predicted alveolar tidal volume of the faster compartment in [ml]
+predVTalvSlower+	The predicted alveolar tidal volume of the slower compartment in [ml]
+predVTalvFull+	The predicted alveolar tidal volume of the full compartment in [ml]
+predFRCfasterRatio+	The predicted FRC faster / FRC full ratio in [%]
+predFRCslowerRatio+	The predicted FRC slower / FRC full ratio in [%]
+predSpecVentFaster+	The predicted specific ventilation of the faster compartment in [%]
+predSpecVentSlower+	The predicted specific ventilation of the slower compartment in [%]
+predSpecVentRatio+	The predicted specific ventilation ratio (faster / slower)
+n2%predFRC+	The %-predicted FRC value in [%] *(0 decimals)*
+n2%predLCI25+	The %-predicted LCI-2.5 value in [%] *(0 decimals)*
+n2%predLCI5+	The %-predicted LCI-5 value in [%] *(0 decimals)*
+n2%predRQ+	The %-predicted respiratory quotient in [%] *(0 decimals)*
+n2%predScondVT+	The %-predicted Scond * VT value in [%] *(0 decimals)*
+n2%predSacinVT+	The %-predicted Sacin * VT value in [%] *(0 decimals)*
+n2%predPacinVT+	The %-predicted Pacin * VT value in [%] *(0 decimals)*
+n2%predScond+	The %-predicted Scond value in [%] *(0 decimals)*
+n2%predSacin+	The %-predicted Sacin value in [%] *(0 decimals)*
+n2%predPacin+	The %-predicted Pacin value in [%] *(0 decimals)*
+n2%predSnIIIVT1stBreath+	The %-predicted SnIII * VT value (1st breath) in [%] *(0 decimals)*
+n2%predSnIII1stBreath+	The %-predicted SnIII value (1st breath) in [%] *(0 decimals)*
+n2%predM1M0Ratio+	The %-predicted M1/M0 moment ratio in [%] *(0 decimals)*
+n2%predM2M0Ratio+	The %-predicted M2/M0 moment ratio in [%] *(0 decimals)*
+n2%predN2CetNormTO6 +	The %-predicted N2/SF6/HeCetNorm@TO 6 value in [%] *(0 decimals)*

+n2%predVdCO2Fowler+	The %-predicted VdCO2 Fowler value in [%] *(0 decimals)*
+n2%predVdCO2Langley+	The %-predicted VdCO2 Langley value in [%] *(0 decimals)*
+n2%predWashoutTime+	The %-predicted washout time in [%] *(0 decimals)*
+%predFidealN2+	The %-predicted F ideal N2 value in [%] *(0 decimals)*
+%predVdFdivVT+	The %-predicted VdF / VT ratio in [%] *(0 decimals)*
+%predWfaster+	The %-predicted dilution factor (ω) of the faster compartment *(0 decimals)*
+%predWslower+	The %-predicted dilution factor (ω) of the slower compartment *(0 decimals)*
+%predWfull+	The %-predicted dilution factor (ω) of the full compartment *(0 decimals)*
+%predVTalvFaster+	The %-predicted alveolar tidal volume of the faster compartment in [%] *(0 decimals)*
+%predVTalvSlower+	The %-predicted alveolar tidal volume of the slower compartment in [%] *(0 decimals)*
+%predVTalvFull+	The %-predicted alveolar tidal volume of the full compartment in in [%] *(0 decimals)*
+%predFRCfasterRatio+	The %-predicted FRC faster / FRC full ratio in [%] *(0 decimals)*
+%predFRCslowerRatio+	The %-predicted FRC slower / FRC full ratio in [%] *(0 decimals)*
+%predSpecVentFaster+	The %-predicted specific ventilation of the faster compartment in [%] *(0 decimals)*
+%predSpecVentSlower+	The %-predicted specific ventilation of the slower compartment in [%] *(0 decimals)*
+%predSpecVentRatio+	The %-predicted specific ventilation ratio (faster / slower) in [%] *(0 decimals)*
+zscoreFidealN2+	The Z-Score value of the F ideal N2 value *(1 decimal)*
+zscoreVdFdivVT+	The Z-Score value of the VdF / VT ratio in [%] *(1 decimal)*
+zscoreWfaster+	The Z-Score value of the faster dilution factor (ω) *(1 decimal)*
+zscoreWslower+	The Z-Score value of the slower dilution factor (ω) *(1 decimal)*
+zscoreWfull+	The Z-Score value of the full dilution factor (ω) *(1 decimal)*
+zscoreVTalvFaster+	The Z-Score value of the faster alveolar tidal volume in [ml] *(1 decimal)*
+zscoreVTalvSlower+	The Z-Score value of the slower alveolar tidal volume in [ml] *(1 decimal)*
+zscoreVTalvFull+	The Z-Score value of the full alveolar tidal volume in [ml] *(1 decimal)*
+zscoreFRCfasterRatio+	The Z-Score value of the FRC faster / FRC full ratio in [%] *(1 decimal)*
+zscoreFRCslowerRatio+	The Z-Score value of the FRC slower / FRC full ratio in [%] *(1 decimal)*
+zscoreSpecVentFaster+	The Z-Score value of the faster specific ventilation in [%] *(1 decimal)*
+zscoreSpecVentSlower+	The Z-Score value of the slower specific ventilation in [%]

	(1 decimal)
+zscoreSpecVentRatio+	The Z-Score value of the specific ventilation ratio (faster / slower) (1 decimal)
	TBFVL Indices
+predTimeInsp+	The predicted inspiratory time (TInsp) in [s]
+predTimeExp+	The predicted expiratory time (TExp) in [s]
+predTimeTotal+	The predicted total time (TTotal) in [s]
+predPIF+	The predicted peak inspiratory flow (PIF) in [l/s] or [ml/s]
+predPEF+	The predicted peak expiratory flow (PEF) in [l/s] or [ml/s]
+predTPIF+	The predicted time to peak inspiratory flow (TPIF) in [s]
+predTPEF+	The predicted time to peak expiratory flow (TPEF) in [s]
+predVolInsp+	The predicted inspiratory volume (VInsp) in [l] or [ml]
+predVolExp+	The predicted expiratory volume (VExp) in [l] or [ml]
+predTidalVolume+	The predicted tidal volume (VT) in [l] or [ml]
+predTidalVolumeWeight+	The predicted tidal volume (VT) per body weight in [ml/kg]
+predEEL+	The predicted end expiratory level (EEL) in [l] or [ml]
+predEELtotal+	The predicted total end expiratory level (EELTotal) in [l] or [ml]
+predRR+	The predicted respiratory rate in [1/min]
+predTIdivTT+	The predicted ratio TInsp / TTotal in [%]
+predTEdivTT+	The predicted ratio TExp / TTotal in [%]
+predTIdivTE+	The predicted ratio TInsp / TExp in [%]
+predTPEFdivTE+	The predicted ratio TPEF / TExp in [%]
+predMTIF+	The predicted mean tidal inspiratory flow (MTIF) in [l/s] or [ml/s]
+predMTEF+	The predicted mean tidal expiratory flow (MTEF) in [l/s] or [ml/s]
+predMinuteVentilation+	The predicted minute ventilation in [l/min] or [ml/min]
+predMinuteVentWeight+	The predicted minute ventilation per body weight in [ml/min/kg]
+predTEF75+	The predicted tidal expiratory flow 75% remaining (TEF75) in [l/s] or [ml/s]
+predTEF50+	The predicted tidal expiratory flow 50% remaining (TEF50) in [l/s] or [ml/s]
+predTEF25+	The predicted tidal expiratory flow 25% remaining (TEF25) in [l/s] or [ml/s]
+predTEF10+	The predicted tidal expiratory flow 10% remaining (TEF10) in [l/s] or [ml/s]
+predTIF50+	The predicted tidal inspiratory flow at 50% of VInsp (TIF50) in [l/s] or [ml/s]
+predVPIF+	The predicted volume at time of PIF (VPIF) in [l] or [ml]
+predVPEF+	The predicted volume at time of PEF (VPEF) in [l] or [ml]
+predTEF50divTIF50+	The predicted ratio TEF50 / TIF50 in [%]

2.6

+predTEF75divPEF+	The predicted ratio TEF75 / PEF in [%]
+predTEF50divPEF+	The predicted ratio TEF50 / PEF in [%]
+predTEF25divPEF+	The predicted ratio TEF25 / PEF in [%]
+predTEF10divPEF+	The predicted ratio TEF10 / PEF in [%]
+predPEFdivVolExp+	The predicted ratio PEF / VExp in [1/s]
+predVPEFdivVT+	The predicted ratio VPEF / VT in [%]
+predAFV+	The predicted area of flow/volume loop (AFV) in [l^2/s] or [ml^2/s]
+predInspDrive+	The predicted inspiration drive (VInsp / TInsp) in [ml/s]
+predO2Consumed+	The predicted consumed O_2 in [ml]
+predCO2Emitted+	The predicted emitted CO_2 in [ml]
+predRQ+	The predicted TBFVL respiratory quotient
+predCO2Cet+	The predicted TBFVL CO_2 end tidal concentration in [%]
+predO2Cet+	The predicted O_2 end tidal concentration in [%]
+%predTimeInsp+	The %-predicted inspiratory time (TInsp) in [%] (0 decimals)
+%predTimeExp+	The %-predicted expiratory time (TExp) in [%] (0 decimals)
+%predTimeTotal+	The %-predicted total time (TTotal) in [%] (0 decimals)
+%predPIF+	The %-predicted peak inspiratory flow (PIF) in [%] (0 decimals)
+%predPEF+	The %-predicted peak expiratory flow (PEF) in [%] (0 decimals)
+%predTPIF+	The %-predicted time to peak inspiratory flow (TPIF) in [%] (0 decimals)
+%predTPEF+	The %-predicted time to peak expiratory flow (TPEF) in [%] (0 decimals)
+%predVolInsp+	The %-predicted inspiratory volume (VInsp) in [%](0 decimals)
+%predVolExp+	The %-predicted expiratory volume (VExp) in [%] (0 decimals)
+%predTidalVolume+	The %-predicted tidal volume (VT) in [%] (0 decimals)
+%predTidalVolumeWeight+	The %-predicted tidal volume (VT) per body weight in [%] (0 decimals)
+%predEEL+	The %-predicted end expiratory level (EEL) in [%] (0 decimals)
+%predEELtotal+	The %-predicted total end expiratory level (EELTotal) in [%] (0 decimals)
+%predRR+	The %-predicted respiratory rate in [%] (0 decimals)
+%predTIdivTT+	The %-predicted ratio TInsp / TTotal in [%] (0 decimals)
+%predTEdivTT+	The %-predicted ratio TExp / TTotal in [%] (0 decimals)
+%predTIdivTE+	The %-predicted ratio TInsp / TExp in [%] (0 decimals)
+%predTPEFdivTE+	The %-predicted ratio TPEF / TExp in [%] (0 decimals)
+%predMTIF+	The %-predicted mean tidal inspiratory flow (MTIF) in [%]

2.6

	(0 decimals)
+%predMTEF+	The %-predicted mean tidal expiratory flow (MTEF) in [%] (0 decimals)
+%predMinuteVentilation+	The %-predicted minute ventilation in [%] (0 decimals)
+%predMinuteVentWeight+	The %-predicted minute ventilation per body weight in [%] (0 decimals)
+%predTEF75+	The %-predicted tidal expiratory flow 75% remaining (TEF75) in [%] (0 decimals)
+%predTEF50+	The %-predicted tidal expiratory flow 50% remaining (TEF50) in [%] (0 decimals)
+%predTEF25+	The %-predicted tidal expiratory flow 25% remaining (TEF25) in [%] (0 decimals)
+%predTEF10+	The %-predicted tidal expiratory flow 10% remaining (TEF10) in [%] (0 decimals)
+%predTIF50+	The %-predicted tidal inspiratory flow at 50% of VInsp (TIF50) in [%] (0 decimals)
+%predVPIF+	The %-predicted volume at time of PIF (VPIF) in [%] (0 decimals)
+%predVPEF+	The %-predicted volume at time of PEF (VPEF) in [%] (0 decimals)
+%predTEF50divTIF50+	The %-predicted ratio TEF50 / TIF50 in [%] (0 decimals)
+%predTEF75divPEF+	The %-predicted ratio TEF75 / PEF in [%] (0 decimals)
+%predTEF50divPEF+	The %-predicted ratio TEF50 / PEF in [%] (0 decimals)
+%predTEF25divPEF+	The %-predicted ratio TEF25 / PEF in [%] (0 decimals)
+%predTEF10divPEF+	The %-predicted ratio TEF10 / PEF in [%] (0 decimals)
+%predPEFdivVolExp+	The %-predicted ratio PEF / VExp in [%] (0 decimals)
+%predVPEFdivVT+	The %-predicted ratio VPEF / VT in [%] (0 decimals)
+%predAFV+	The %-predicted area of flow/volume loop (AFV) in [%] (0 decimals)
+%predInspDrive+	The %-predicted inspiration drive (VInsp / TInsp) in [%] (0 decimals)
+%predO2Consumed+	The %-predicted consumed O_2 in [%] (0 decimals)
+%predCO2Emitted+	The %-predicted emitted CO_2 in [%] (0 decimals)
+%predRQ+	The %-predicted TBFVL respiratory quotient in [%] (0 decimals)
+%predCO2Cet+	The %-predicted TBFVL CO_2 end tidal concentration in [%] (0 decimals)
+%predO2Cet+	The %-predicted O_2 end tidal concentration in [%] (0 decimals)
+zscoreTimeInsp+	The Z-Score value of the inspiratory time (TInsp) in [s] (1 decimal)
+zscoreTimeExp+	The Z-Score value of the expiratory time (TExp) in [s] (1 decimal)
+zscoreTimeTotal+	The Z-Score value of the total time (TTotal) in [s] (1 decimal)
+zscorePIF+	The Z-Score value of the peak inspiratory flow (PIF) in [l/s] or [ml/s] (1 decimal)

+zscorePEF+	The Z-Score value of the peak expiratory flow (PEF) in [l/s] or [ml/s] (1decimal)
+zscoreTPIF+	The Z-Score value of the time to peak inspiratory flow (TPIF) in [s] (1decimal)
+zscoreTPEF+	The Z-Score value of the time to peak expiratory flow (TPEF) in [s] (1decimal)
+zscoreVolInsp+	The Z-Score value of the inspiratory volume (VInsp) in [l] or [ml] (1decimal)
+zscoreVolExp+	The Z-Score value of the expiratory volume (VExp) in [l] or [ml] (1decimal)
+zscoreTidalVolume+	The Z-Score value of the tidal volume (VT) in [l] or [ml] (1decimal)
+zscoreTidalVolumeWeight+	The Z-Score value of the tidal volume (VT) per body weight in [ml/kg] (1decimal)
+zscoreEEL+	The Z-Score value of the end expiratory level (EEL) in [l] or [ml] (1decimal)
+zscoreEELtotal+	The Z-Score value of the total end expiratory level (EELTotal) in [l] or [ml] (1decimal)
+zscoreRR+	The Z-Score value of the respiratory rate in [1/min] (1decimal)
+zscoreTIdivTT+	The Z-Score value of the ratio TInsp / TTotal in [%] (1decimal)
+zscoreTEdivTT+	The Z-Score value of the ratio TExp / TTotal in [%] (1decimal)
+zscoreTIdivTE+	The Z-Score value of the ratio TInsp / TExp in [%] (1decimal)
+zscoreTPEFdivTE+	The Z-Score value of the ratio TPEF / TExp in [%] (1decimal)
+zscoreMTIF+	The Z-Score value of the mean tidal inspiratory flow (MTIF) in [l/s] or [ml/s] (1decimal)
+zscoreMTEF+	The Z-Score value of the mean tidal expiratory flow (MTEF) in [l/s] or [ml/s] (1decimal)
+zscoreMinuteVentilation+	The Z-Score value of the minute ventilation in [l/min] or [ml/min] (1decimal)
+zscoreMinuteVentWeight+	The Z-Score value of the minute ventilation per body weight in [ml/min/kg] (1decimal)
+zscoreTEF75+	The Z-Score value of the tidal expiratory flow 75% remaining (TEF75) in [l/s] or [ml/s] (1decimal)
+zscoreTEF50+	The Z-Score value of the tidal expiratory flow 50% remaining (TEF50) in [l/s] or [ml/s] (1decimal)
+zscoreTEF25+	The Z-Score value of the tidal expiratory flow 25% remaining (TEF25) in [l/s] or [ml/s] (1decimal)
+zscoreTEF10+	The Z-Score value of the tidal expiratory flow 10% remaining (TEF10) in [l/s] or [ml/s] (1decimal)
+zscoreTIF50+	The Z-Score value of the tidal inspiratory flow at 50% of VInsp (TIF50) in [l/s] or [ml/s] (1decimal)
+zscoreVPIF+	The Z-Score value of the volume at time of PIF (VPIF) in [l] or [ml] (1decimal)
+zscoreVPEF+	The Z-Score value of the volume at time of PEF (VPEF) in [l] or [ml] (1decimal)
+zscoreTEF50divTIF50+	The Z-Score value of the ratio TEF50 / TIF50 in [%] (1decimal)
+zscoreTEF75divPEF+	The Z-Score value of the ratio TEF75 / PEF in (1decimal)

+zscoreTEF50divPEF+	The Z-Score value of the ratio TEF50 / PEF in [%] (1decimal)
+zscoreTEF25divPEF+	The Z-Score value of the ratio TEF25 / PEF in [%] (1decimal)
+zscoreTEF10divPEF+	The Z-Score value of the ratio TEF10 / PEF in [%] (1decimal)
+zscorePEFdivVolExp+	The Z-Score value of the ratio PEF / VExp in [1/s] (1decimal)
+zscoreVPEFdivVT+	The Z-Score value of the ratio VPEF / VT in [%] (1decimal)
+zscoreAFV+	The Z-Score value of the area of flow/volume loop (AFV) in [l2/s] or [ml2/s] (1decimal)
+zscoreInspDrive+	The Z-Score value of the inspiration drive (VInsp / TInsp) in [ml/s] (1decimal)
+zscoreO2Consumed+	The Z-Score value of the consumed O_2 in [ml] (1decimal)
+zscoreCO2Emitted+	The Z-Score value of the emitted CO_2 in [ml] (1decimal)
+zscoreRQ+	The Z-Score value of the TBFVL respiratory quotient (1decimal)
+zscoreCO2Cet+	The Z-Score value of the TBFVL CO_2 end tidal concentration in [%] (1decimal)
+zscoreO2Cet+	The Z-Score value of the O_2 end tidal concentration in [%] (1decimal)

2.6.5 Multiple Breath Washout Standard-Deviation Trial

+n2sdtNoOfBreaths+	The stand. dev. of the number of breaths in the test
+n2sdtFRC+	The standard deviation of the FRC values
+n2sdtFRCatTO6+	The standard deviation of the FRC values at TO 6
+n2sdtLCI25+	The standard deviation of the LCI-2.5 values
+n2sdtLCI5+	The standard deviation of the LCI-5 values
+n2predLCI25+	The predicted LCI-2.5 value
+n2predLCI5+	The predicted LCI-5 value
+n2sdtCEV+	The standard deviation of the cumulated exp. volumes
+n2sdtFlowInsp+	The standard deviation of the mean inspired flows
+n2sdtFlowExp+	The standard deviation of the mean expired flows
+n2sdtVTInsp+	The standard deviation of the mean inspired volumes
+n2sdtVTExp+	The standard deviation of the mean expired volumes
+n2sdtVT+	The standard deviation of the mean volumes
+n2sdtCO2Cet+	The stand. dev. of the mean CO_2 end tidal concentrations
+n2sdtVdCO2MeanFowler+	The standard deviation of the mean airway volumes of deadspace for CO2 according Fowler
+n2sdtVdCO2MeanLangley+	The standard deviation of the mean airway volumes of deadspace for CO2 according Langley
+n2sdtN2CetNormTO6+	The standard deviation of the normalized N_2 end tidal concentrations at TO 6

+n2sdtRQ+	The standard deviation of the respiratory quotients
+n2sdtM1M0Ratio+	The standard deviation of the M1/M0 moment ratios
+n2sdtM2M0Ratio+	The standard deviation of the M2/M0 moment ratios
+n2sdtM1M0-6Ratio+	The stand. dev. of the M1/M0 moment ratios at TO 6
+n2sdtM2M0-6Ratio+	The stand. dev. of the M2/M0 moment ratios at TO 6
+n2sdtM1M0-8Ratio+	The stand. dev. of the M1/M0 moment ratios at TO 8
+n2sdtM2M0-8Ratio+	The stand. dev. of the M2/M0 moment ratios at TO 8
+n2sdtScondVT+	The standard deviation of the Scond * VT values
+n2sdtSacinVT+	The standard deviation of the Sacin * VT values
+n2sdtPacinVT+	The standard deviation of the Pacin * VT values
+n2sdtScond+	The standard deviation of the Scond values
+n2sdtSacin+	The standard deviation of the Sacin values
+n2sdtPacin+	The standard deviation of the Pacin values
+n2sdtSnIIIVT1stBreath+	The standard deviation of the SnIII * VT values (1st breath)
+n2sdtSnIII1stBreath+	The standard deviation of the SnIII values (1st breath)
+n2sdtVTdivFRC+	The standard deviation of the VTmean / FRC values
+n2sdtWashoutTime+	The standard deviation of the washout time
Compartment analysis (N2-MBW only)	
+sdtFidealN2+	The standard deviation of the F ideal N_2 value
+sdtVdFdivVT+	The standard deviation of the VdF / VT ratio
+sdtWfaster+	The standard deviation of the faster dilution factor (ω)
+sdtWslower+	The standard deviation of the slower dilution factor (ω)
+sdtWfull+	The standard deviation of the full dilution factor (ω)
+sdtVTalvFaster+	The standard deviation of the faster alveolar tidal volume
+sdtVTalvSlower+	The standard deviation of the slower alveolar tidal volume
+sdtVTalvFull+	The standard deviation of the full alveolar tidal volume
+sdtFRCfasterRatio+	The standard deviation of the FRC faster / FRC full ratio
+sdtFRCslowerRatio+	The standard deviation of the FRC slower / FRC full ratio
+sdtSpecVentFaster+	The standard deviation of the faster specific ventilation
+sdtSpecVentSlower+	The standard deviation of the slower specific ventilation
+sdtSpecVentRatio+	The standard deviation of the specific ventilation ratio (faster / slower)
TBFVL Indices	
+sdtTimeInsp+	The standard deviation of the inspiratory time (TInsp)
+sdtTimeExp+	The standard deviation of the expiratory time (TExp)
+sdtTimeTotal+	The standard deviation of the total time (TTotal)

+sdtPIF+	The standard deviation of the peak inspiratory flow (PIF)
+sdtPEF+	The standard deviation of the peak expiratory flow (PEF)
+sdtTPIF+	The standard deviation of the time to peak inspiratory flow (TPIF)
+sdtTPEF+	The standard deviation of the time to peak expiratory flow (TPEF)
+sdtVolInsp+	The standard deviation of the inspiratory volume (VInsp)
+sdtVolExp+	The standard deviation of the expiratory volume (VExp)
+sdtTidalVolume+	The standard deviation of the tidal volume
+sdtTidalVolumeWeight+	The standard deviation of the tidal volume per body weight
+sdtEEL+	The standard deviation of the end expiratory level (EEL)
+sdtEELtotal+	The standard deviation of the total end expiratory level (EELTotal)
+sdtRR+	The standard deviation of the respiratory rate
+sdtTIdivTT+	The standard deviation of the ratio TInsp / TTotal
+sdtTEdivTT+	The standard deviation of the ratio TExp / TTotal
+sdtTIdivTE+	The standard deviation of the ratio TInsp / TExp
+sdtTPEFdivTE+	The standard deviation of the ratio TPEF / TExp
+sdtMTIF+	The standard deviation of the mean tidal inspiratory flow (MTIF)
+sdtMTEF+	The standard deviation of the mean tidal expiratory flow (MTEF)
+sdtMinuteVentilation+	The standard deviation of the minute ventilation
+sdtMinuteVentWeight+	The standard deviation of the minute ventilation per body weight
+sdtTEF75+	The standard deviation of the tidal expiratory flow 75% remaining (TEF75)
+sdtTEF50+	The standard deviation of the tidal expiratory flow 50% remaining (TEF50)
+sdtTEF25+	The standard deviation of the tidal expiratory flow 25% remaining (TEF25)
+sdtTEF10+	The standard deviation of the tidal expiratory flow 10% remaining (TEF10)
+sdtTIF50+	The standard deviation of the tidal inspiratory flow at 50% of VInsp (TIF50)
+sdtVPIF+	The standard deviation of the volume at time of PIF (VPIF)
+sdtVPEF+	The standard deviation of the volume at time of PEF (VPEF)
+sdtTEF50divTIF50+	The standard deviation of the ratio TEF50 / TIF50
+sdtTEF75divPEF+	The standard deviation of the ratio TEF75 / PEF
+sdtTEF50divPEF+	The standard deviation of the ratio TEF50 / PEF
+sdtTEF25divPEF+	The standard deviation of the ratio TEF25 / PEF
+sdtTEF10divPEF+	The standard deviation of the ratio TEF10 / PEF
+sdtPEFdivVolExp+	The standard deviation of the ratio PEF / VExp

2.6

+sdtVPEFdivVT+	The standard deviation of the ratio VPEF / VT
+sdtAFV+	The standard deviation of the area of flow/volume loop (AFV)
+sdtInspDrive+	The standard deviation of the inspiration drive (VInsp / TInsp)
+sdtO2Consumed+	The standard deviation of the consumed O_2
+sdtCO2Emitted+	The standard deviation of the emitted CO_2
+sdtRQ+	The standard deviation of the TBFVL respiratory quotient
+sdtCO2Cet+	The standard deviation of the TBFVL CO_2 end tidal concentration
+sdtO2Cet+	The standard deviation of the O_2 end tidal concentration

2.6.6 Multiple Breath Washout Coefficient-of-Variation Trial (1 decimal)

+n2cvtNoOfBreaths+	The coefficient of variation of the number of breaths in the test in [%]
+n2cvtFRC+	The coefficient of variation of the FRC values in [%]
+n2cvtFRCatTO6+	The coefficient of variation of the FRC values at TO 6 in [%]
+n2cvtLCI25+	The coefficient of variation of the LCI-2.5 values in [%]
+n2cvtLCI5+	The coefficient of variation of the LCI-5 values in [%]
+n2cvtCEV+	The coefficient of variation of the cumulated exp. volumes in [%]
+n2cvtFlowInsp+	The coefficient of variation of the mean inspired flows in [%]
+n2cvtFlowExp+	The coefficient of variation of the mean expired flows in [%]
+n2cvtVTInsp+	The coefficient of variation of the mean inspired volumes in [%]
+n2cvtVTExp+	The coefficient of variation of the mean expired volumes in [%]
+n2cvtVT+	The coefficient of variation of the mean volumes in [%]
+n2cvtCO2Cet+	The coefficient of variation of the mean CO_2 end tidal concentrations in [%]
+n2cvtVdCO2MeanFowler+	The coefficient of variation of the mean airway volumes of deadspace for CO2 according Fowler in [%]
+n2cvtVdCO2MeanLangley+	The coefficient of variation of the mean airway volumes of deadspace for CO2 according Langley in [%]
+n2cvtN2CetNormTO6+	The coefficient of variation of the normalized N_2 end tidal concentrations at TO 6 in [%]
+n2cvtRQ+	The coefficient of variation of the respiratory quotients in [%]
+n2cvtM1M0Ratio+	The coefficient of variation of the M1/M0 moment ratios in [%]
+n2cvtM2M0Ratio+	The coefficient of variation of the M2/M0 moment ratios in [%]
+n2cvtM1M0-6Ratio+	The coefficient of variation of the M1/M0 moment ratios at TO 6 in [%]
+n2cvtM2M0-6Ratio+	The coefficient of variation of the M2/M0 moment ratios at TO 6 in [%]
+n2cvtM1M0-8Ratio+	The coefficient of variation of the M1/M0 moment ratios at TO 8 in [%]

2.6

+n2cvtM2M0-8Ratio+	The coefficient of variation of the M2/M0 moment ratios at TO 8 in [%]
+n2cvtScondVT+	The coefficient of variation of the Scond * VT values in [%]
+n2cvtSacinVT+	The coefficient of variation of the Sacin * VT values in [%]
+n2cvtPacinVT+	The coefficient of variation of the Pacin * VT values in [%]
+n2cvtScond+	The coefficient of variation of the Scond values in [%]
+n2cvtSacin+	The coefficient of variation of the Sacin values in [%]
+n2cvtPacin+	The coefficient of variation of the Pacin values in [%]
+n2cvtSnIIIVT1stBreath+	The coefficient of variation of the SnIII * VT values (1st breaths) in [%]
+n2cvtSnIII1stBreath+	The coefficient of variation of the SnIII values (1st breaths) in [%]
+n2cvtVTdivFRC+	The coefficient of variation of the VTmean / FRC values in [%]
+n2cvtWashoutTime+	The coefficient of variation of the washout time in [%]
Compartment analysis (N2-MBW only)	
+cvtFidealN2+	The coefficient of variation of the F ideal N2 value in [%]
+cvtVdFdivVT+	The coefficient of variation of the VdF / VT ratio in [%]
+cvtWfaster+	The coefficient of variation of the faster dilution factor (ω) in [%]
+cvtWslower+	The coefficient of variation of the slower dilution factor (ω) in [%]
+cvtWfull+	The coefficient of variation of the full dilution factor (ω) in [%]
+cvtVTalvFaster+	The coefficient of variation of the faster alveolar tidal volume in [%]
+cvtVTalvSlower+	The coefficient of variation of the slower alveolar tidal volume in [%]
+cvtVTalvFull+	The coefficient of variation of the full alveolar tidal volume in [%]
+cvtFRCfasterRatio+	The coefficient of variation of the FRC faster / FRC full ratio in [%]
+cvtFRCslowerRatio+	The coefficient of variation of the FRC slower / FRC full ratio in [%]
+cvtSpecVentFaster+	The coefficient of variation of the faster specific ventilation in [%]
+cvtSpecVentSlower+	The coefficient of variation of the slower specific ventilation in [%]
+cvtSpecVentRatio+	The coefficient of variation of the specific ventilation ratio (faster / slower) in [%]
TBFVL Indices	
+cvtTimeInsp+	The coefficient of variation of the inspiratory time (TInsp) in [%]
+cvtTimeExp+	The coefficient of variation of the expiratory time (TExp) in [%]
+cvtTimeTotal+	The coefficient of variation of the total time (TTotal) in [%]
+cvtPIF+	The coefficient of variation of the peak inspiratory flow (PIF) in [%]
+cvtPEF+	The coefficient of variation of the peak expiratory flow (PEF) in [%]

+cvtTPIF+	The coefficient of variation of the time to peak inspiratory flow (TPIF) in [%]
+cvtTPEF+	The coefficient of variation of the time to peak expiratory flow (TPEF) in [%]
+cvtVolInsp+	The coefficient of variation of the inspiratory volume (VInsp) in [%]
+cvtVolExp+	The coefficient of variation of the expiratory volume (VExp) in [%]
+cvtTidalVolume+	The coefficient of variation of the tidal volume (VT) in [%]
+cvtTidalVolumeWeight+	The coefficient of variation of the tidal volume (VT) per body weight in [%]
+cvtEEL+	The coefficient of variation of the end expiratory level (EEL) in [%]
+cvtEELtotal+	The coefficient of variation of the total end expiratory level (EELTotal) in [%]
+cvtRR+	The coefficient of variation of the respiratory rate in [%]
+cvtTIdivTT+	The coefficient of variation of the ratio TInsp / TTotal in [%]
+cvtTEdivTT+	The coefficient of variation of the ratio TExp / TTotal in [%]
+cvtTIdivTE+	The coefficient of variation of the ratio TInsp / TExp in [%]
+cvtTPEFdivTE+	The coefficient of variation of the ratio TPEF / TExp in [%]
+cvtMTIF+	The coefficient of variation of the mean tidal inspiratory flow (MTIF) in [%]
+cvtMTEF+	The coefficient of variation of the mean tidal expiratory flow (MTEF) in [%]
+cvtMinuteVentilation+	The coefficient of variation of the minute ventilation in [%]
+cvtMinuteVentWeight+	The coefficient of variation of the minute ventilation per body weight in [%]
+cvtTEF75+	The coefficient of variation of the tidal expiratory flow 75% remaining (TEF75) in [%]
+cvtTEF50+	The coefficient of variation of the tidal expiratory flow 50% remaining (TEF50) in [%]
+cvtTEF25+	The coefficient of variation of the tidal expiratory flow 25% remaining (TEF25) in [%]
+cvtTEF10+	The coefficient of variation of the tidal expiratory flow 10% remaining (TEF10) in [%]
+cvtTIF50+	The coefficient of variation of the tidal inspiratory flow at 50% of VInsp (TIF50) in [%]
+cvtVPIF+	The coefficient of variation of the volume at time of PIF (VPIF) in [%]
+cvtVPEF+	The coefficient of variation of the volume at time of PEF (VPEF) in [%]
+cvtTEF50divTIF50+	The coefficient of variation of the ratio TEF50 / TIF50 in [%]
+cvtTEF75divPEF+	The coefficient of variation of the ratio TEF75 / PEF in [%]
+cvtTEF50divPEF+	The coefficient of variation of the ratio TEF50 / PEF in [%]
+cvtTEF25divPEF+	The coefficient of variation of the ratio TEF25 / PEF in [%]
+cvtTEF10divPEF+	The coefficient of variation of the ratio TEF10 / PEF in [%]
+cvtPEFdivVolExp+	The coefficient of variation of the ratio PEF / VExp in [%]
+cvtVPEFdivVT+	The coefficient of variation of the ratio VPEF / VT in [%]

+cvtAFV+	The coefficient of variation of the area of flow/volume loop (AFV) in [%]
+cvtInspDrive+	The coefficient of variation of the inspiration drive (VInsp / TInsp) in [%]
+cvtO2Consumed+	The coefficient of variation of the consumed O_2 in [%]
+cvtCO2Emitted+	The coefficient of variation of the emitted CO_2 in [%]
+cvtRQ+	The coefficient of variation of the TBFVL respiratory quotient in [%]
+cvtCO2Cet+	The coefficient of variation of the TBFVL CO_2 end tidal concentration in [%]
+cvtO2Cet+	The coefficient of variation of the O_2 end tidal concentration in [%]

2.7   N2-Single Breath Washout

2.7.1   N2-Single Breath Washout Test

+gDate+	Date when the test was performed
+gDateReload+	Date when the test was reloaded
+gTime+	Time when the test was performed
+gTimeReload+	Day Time when the test was reloaded
+gTemperature+	Average ambient Temperature of all trials in [C°]
+gPressure+	Average ambient Pressure of all trials in [hPa]
+gFlowInspCorr+	Average inspiratory flow BTPS correction factor of all trials
+gFlowExpCorr+	Average expiratory flow BTPS correction factor of all trials
+gPreCapDS+	The pre-capillary deadspace when the test was performed in [ml]
+gPostCapDS+	The post-capillary deadspace when the test was performed in [ml]
+gFlowCalStat+	The calibration status of the Flow sensor (expired or ok)
+gO2CalStat+	The calibration status of the O_2 sensor (expired or ok)
+gNoOfBreathsIncl+	The total number of breaths included in the test

2.7.2   N2-Single Breath Washout Trials

Since a test can possibly contain more than one trial, each key needs to be mentioned exactly twice ("+n2sbwtSIII1+" and "+n2sbwtSIII2+") to indicate a pattern how to continue with this sequence.

+n2sbwtTime1+	Time when the trial was measured
+n2sbwtDuration1+	The duration of the trial in [s] (0 decimals)
+n2sbwtNumber1+	The trial number
+n2sbwtClosingVolume1+	The closing volume (CV) of the trial in [l]

+n2sbwtSIII1+	The slope III of the trial
+n2sbwtSIIIVC1+	The SIII*VC value of the trial
+n2sbwtVC1+	The vital capacity (VC) of the trial in [l]
+n2sbwtComment1+	Comment added to the trial
+n2sbwtRating1+	The rating of the trial (grade)
+n2sbwtFlowVolChart1+	The Flow vs. Volume chart of the trial
+n2sbwtN2VolChart1+	The N2 vs. Volume chart of the trial

2.7.3   N2-Single Breath Washout Best Values

+n2bestClosingVolume+	The mean closing volume (CV) of all trials in [l]
+n2bestSIII+	The mean N2 slope III of all trials
+n2bestSIIIVC+	The mean SIII*VC value of all trials
+n2bestVC+	The max. vital capacity (VC) of all trials in [l]
+n2bestFlowVolChart+	The Flow vs. Volume chart of all trials
+n2bestN2VolChart+	The N2 vs. Volume chart of all trials

2.7.4   N2-Single Breath Washout Normative Values

+n2predClosingVolume+	The predicted closing volume (CV) in [l]
+n2predSIII+	The predicted N2 slope III value
+n2predSIIIVC+	The predicted SIII * VC value
+n2predVC+	The predicted vital capacity (VC) in [l]
+n2%predClosingVolume+	The %-predicted closing volume (CV) in [%] (0 decimals)
+n2%predSIII+	The %-predicted N2 slope III value in [%] (0 decimals)
+n2%predSIIIVC+	The %-predicted SIII * VC value in [%] (0 decimals)
+n2%predVC+	The %-predicted vital capacity (VC) in [%] (0 decimals)
+n2zscoreClosingVolume+	The Z-Score value of the closing volume (CV) (1 decimal)
+n2zscoreSIII+	The Z-Score value of the N2 slope III (1 decimal)
+n2zscoreSIIIVC+	The Z-Score value of the SIII * VC value (1 decimal)
+n2zscoreVC+	The Z-Score value of the vital capacity (VC) (1 decimal)

2.8

2.7.5   N2-Single Breath Washout Standard-Deviation Trial

+n2sdtClosingVolume+	The standard deviation of the closing volume (CV) values
+n2sdtSIII+	The standard deviation of the N2 slope III values
+n2sdtSIIIVC+	The standard deviation of the SIII * VC values
+n2sdtVC+	The standard deviation of the vital capacity (VC) values

2.7.6   N2-Single Breath Washout Coefficient-of-Variation Trial (1 decimal)

+n2cvtClosingVolume+	The coeff. of var. of the closing volume (CV) values in [%]
+n2cvtSIII+	The coefficient of variation of the N2 slope III values in [%]
+n2cvtSIIIVC+	The coefficient of variation of the SIII * VC values in [%]
+n2cvtVC+	The coeff. of var. of the vital capacity (VC) values in [%]

2.8   TBFVL Test

+gDate+	Date when the test was performed
+gDateReload+	Date when the test was reloaded
+gTime+	Day Time when the test was performed
+gTimeReload+	Day Time when the test was reloaded
+gNoOfBreaths+	The total number of breaths in the test
+gNoOfBreathsTbfvl+	Number of breaths included in the TBFVL analysis
+gWarn+	Whether the test has warnings or not
+gTemperature+	The ambient Temperature of the test in [°C]
+gPressure+	The ambient Pressure of the test in [hPa]
+gFlowInspCorr+	The inspiratory flow BTPS correction factor of the test
+gFlowExpCorr+	The expiratory flow BTPS correction factor of the test
+gPreCapDS+	The pre-capillary deadspace of the test in [ml]
+gPostCapDS+	The post-capillary deadspace of the test in [ml]
+gFlowCalStat+	The calibration status of the Flow sensor (expired or ok)
+gNoCalStat+	The calibration status of the NO sensor (expired or ok)
+gO2CalStat+	The calibration status of the O2 sensor (expired or ok)
+gComment+	Any comment saved with the test
+gFlowVolChart+	The Flow vs. Volume chart of all trials
+gNOVolChart+	The NO vs. Volume chart of all trials (CLD ONLY!)
+gCO2VolChart+	The CO2 vs. Volume chart of all trials (ExhD ONLY!)

+gFlowTimeChart+	The Flow vs. Time chart of all trials

2.8.1   TBFVL Indices

+gTimeInsp+	The inspiratory time (TInsp) in [s]
+gTimeExp+	The expiratory time (TExp) in [s]
+gTimeTotal+	The total time (TTotal) in [s]
+gPIF+	The peak inspiratory flow (PIF) in [ml/s]
+gPEF+	The peak expiratory flow (PEF) in [ml/s]
+gTPIF+	The time to peak inspiratory flow (TPIF) in [s]
+gTPEF+	The time to peak expiratory flow (TPEF) in [s]
+gVolInsp+	The inspiratory volume (VInsp) in [ml]
+gVolExp+	The TBFVL expiratory volume (VExp) in [ml]
+gTidalVol+	The tidal volume (VT) in [ml]
+gTidalVolWeight+	The tidal volume (VT) per body weight in [ml/kg]
+gEEL+	The end expiratory level (EEL) in [l] or [ml]
+gEELtotal+	The total end expiratory level (EELTotal) in [ml]
+gRR+	The respiratory rate in [1/min]
+gTIdivTT+	The ratio TInsp / TTotal in [%]
+gTEdivTT+	The ratio TExp / TTotal in [%]
+gTIdivTE+	The ratio TInsp / TExp in [%]
+gTPEFdivTE+	The ratio TPEF / TExp in [%]
+gMTIF+	The mean tidal inspiratory flow (MTIF) in [ml/s]
+gMTEF+	The mean tidal expiratory flow (MTEF) in [ml/s]
+gMinVent+	The minute ventilation in [ml/min]
+gMinVentWeight+	The minute ventilation per body weight in [ml/min/kg]
+gTEF75+	The tidal expiratory flow 75% remaining (TEF75) in [ml/s]
+gTEF50+	The tidal expiratory flow 50% remaining (TEF50) in [ml/s]
+gTEF25+	The tidal expiratory flow 25% remaining (TEF25) in [ml/s]
+gTEF10+	The tidal expiratory flow 10% remaining (TEF10) in [ml/s]
+gTIF50+	The tidal inspiratory flow at 50% of VInsp (TIF50) in [ml/s]
+gVPIF+	The volume at time of PIF (VPIF) in [ml]
+gVPEF+	The volume at time of PEF (VPEF) in [ml]
+gTEF50divTIF50+	The ratio TEF50 / TIF50 in [%]
+gTEF75divPEF+	The ratio TEF75 / PEF in [%]
+gTEF50divPEF+	The ratio TEF50 / PEF in [%]
+gTEF25divPEF+	The ratio TEF25 / PEF in [%]

2.9

+gTEF10divPEF+	The ratio TEF10 / PEF in [%]
+gPEFdivVolExp+	The ratio PEF / VExp in [1/s]
+gVPEFdivVT+	The ratio VPEF / VT in [%]
+gAFV+	The area of flow/volume loop (AFV) in [ml²/s]
+gInspDrive+	The inspiration drive (VInsp / TInsp) in [ml/s]
+gO2Consumed+	The consumed O2 in [ml] (ExhD ONLY!)
+gCO2Emitted+	The emitted CO2 in [ml] (ExhD ONLY!)
+gRQ+	The respiratory quotient (ExhD ONLY!)
+gCO2Cet+	The CO2 end tidal concentration in [%] (ExhD ONLY!)
+gO2Cet+	The O2 end tidal concentration in [%] (ExhD ONLY!)

2.9   Vol. Capnography Indices (for all multiple breath tests)

+gCO2VolExp+	The expired CO2 volume in [ml]
+gCO2VolReinsp+	The re-inspired CO2 volume in [ml]
+gCO2VolNetto+	The CO2 netto volume in [ml]
+gVCO2+	The CO2 netto production in [ml/min]
+gCO2ExpMean+	The mean expired CO2 concentration in [%]
+gCO2CMeanSlope+	The mean CO2 concentration within the defined limits in [%]
+gCO2SII+	The slope II of CO2 within the defined limits
+gCO2SnII+	The normalized slope II of CO2 within the defined limits in [1/l]
+gCO2SIII+	The slope III of CO2 within the defined limits
+gCO2SnIII+	The normalized slope III of CO2 within the defined limits in [1/l]
+gCO2KPIv+	The KPIv value of CO2 within the defined limits
+gVolPhaseI+	The volume of phase I in [ml]
+gVolPhaseIdivVT+	The volume of phase I normalized by VT in [%]
+gVolPhaseII+	The volume of phase II in [ml]
+gVolPhaseIIdivVT+	The volume of phase II normalized by VT in [%]
+gVolPhaseIII+	The volume of phase III in [ml]
+gVolPhaseIIIdivVT+	The volume of phase III normalized by VT in [%]
+gCO2Alpha+	The angle alpha (α) of CO2 between the slope II and III lines in [°]
+gFACO2+	The mean alveolar CO2 concentration (partial pressure) in [%]
+gVDaw+	The airway deadspace volume (VDaw) in [ml]
+gVDawDivVT+	The airway deadspace volume normalized by VT in [%]

2.10

+gVDbohrDivVT+	The deadspace volume according Bohr normalized by VT in [%]
+gVDphys+	The physiological deadspace volume (VDphys) in [ml]
+gVDalv+	The alveolar deadspace volume (VDalv) in [ml]
+gVDalvDivVT+	The alveolar deadspace volume normalized by VT in [%]
+gVTalv+	The alveolar tidal volume (VTalv) in [ml]
+gVTalvDivVT+	The alveolar tidal volume normalized by VT in [%]
+gVDalvDivVTalv+	The ratio of the alveolar deadspace to the alveolar tidal volume (VDalv/VTalv) in [%]

2.10   FVC Test

+gDate+	Date when the test was performed
+gTime+	Time when the test was performed
+gDateReload+	Date when the test was reloaded
+gTimeReload+	Time when the test was reloaded
+gTemperature+	The ambient Temperature of the test in [C°]
+gPressure+	The ambient Pressure of the test in [hPa]
+gFlowInspCorr+	The inspiratory flow BTPS correction factor of the test
+gFlowExpCorr+	The expiratory flow BTPS correction factor of the test
+gPreCapDS+	The pre-capillary deadspace of the test in [ml]
+gPostCapDS+	The post-capillary deadspace of the test in [ml]
+gFlowCalStat+	The calibration status of the Flow sensor (expired or ok)
+gComment+	Any comment saved with the test
+gFlowVolChart+	The Flow vs. Volume chart of the forced breaths
+gVolTimeChart+	The Volume vs. Time chart of the forced breaths
+predFVC+	The predicted forced vital capacity (FVC) in [l]
+predFEV1+	The predicted forced expiratory volume after 1 second (FEV1) in [l]
+predFEV1divFVC+	The predicted ratio FEV1 / FVC in [%]
+predFEV075+	The predicted forced expiratory volume after 0.75 second (FEV0.75) in [l]
+predFEV075divFVC+	The predicted ratio FEV0.75 / FVC in [%]
+predFEV05+	The predicted forced expiratory volume after 0.5 second (FEV0.5) in [l]
+predFEV05divFVC+	The predicted ratio FEV0.5 / FVC in [%]
+predFET+	The predicted forced expiratory time (FET) in [s]
+predPEF+	The predicted peak expiratory flow (PEF) in [l/s]
+predTPEF+	The predicted time to peak expiratory flow (TPEF) in [s]
+predFEF25+	The predicted forced expiratory flow at 25% of the FVC

	(FEF25%) in [l/s]
+predFEF50+	The predicted forced expiratory flow at 50% of the FVC (FEF50%) in [l/s]
+predFEF75+	The predicted forced expiratory flow at 75% of the FVC (FEF75%) in [l/s]
+predFEF25to75+	The predicted mean forced expiratory flow between 25% and 75% of the FVC (FEF25-75%) in [l/s]
+predEV+	The predicted back-extrapolated volume (EV) of the expiration in [ml]
+predEVdivFVC+	The predicted ratio EV / FVC in [%]
+llnFVC+	The lower-limits-of-normal (LLN) value of the FVC in [l]
+llnFEV1+	The lower-limits-of-normal (LLN) value of the FEV1 in [l]
+llnFEV1divFVC+	The lower-limits-of-normal (LLN) value of the ratio FEV1 / FVC in [%]
+llnFEV075+	The lower-limits-of-normal (LLN) value of the FEV0.75 in [l]
+llnFEV075divFVC+	The lower-limits-of-normal (LLN) value of the ratio FEV0.75 / FVC in [%]
+llnFEV05+	The lower-limits-of-normal (LLN) value of the FEV0.5 in [l]
+llnFEV05divFVC+	The lower-limits-of-normal (LLN) value of the ratio FEV0.5 / FVC in [%]
+llnFET+	The lower-limits-of-normal (LLN) value of the FET in [s]
+llnPEF+	The lower-limits-of-normal (LLN) value of the PEF in [l/s]
+llnTPEF+	The lower-limits-of-normal (LLN) value of the TPEF in [s]
+llnFEF25+	The lower-limits-of-normal (LLN) value of the FEF25% in [l/s]
+llnFEF50+	The lower-limits-of-normal (LLN) value of the FEF50% in [l/s]
+llnFEF75+	The lower-limits-of-normal (LLN) value of the FEF75% in [l/s]
+llnFEF25to75+	The lower-limits-of-normal (LLN) value of the FEF25-75% in [l/s]
+llnEV+	The lower-limits-of-normal (LLN) value of the EV in [ml]
+llnEVdivFVC+	The lower-limits-of-normal (LLN) value of the ratio EV / FVC in [%]

2.10.1 Pre-Medication

+preMedFVC+	The pre-medication result value of the FVC in [l]
+preMedFEV1+	The pre-medication result value of the FEV1 in [l]
+preMedFEV1divFVC+	The pre-medication result value of the ratio FEV1 / FVC in [%]
+preMedFEV075+	The pre-medication result value of the FEV0.75 in [l]
+preMedFEV075divFVC+	The pre-medication result value of the ratio FEV0.75 / FVC in [%]
+preMedFEV05+	The pre-medication result value of the FEV0.5 in [l]
+preMedFEV05divFVC+	The pre-medication result value of the ratio FEV0.5 / FVC in

	[%]
+preMedFET+	The pre-medication result value of the FET in [s]
+preMedPEF+	The pre-medication result value of the PEF in [l/s]
+preMedTPEF+	The pre-medication result value of the TPEF in [s]
+preMedFEF25+	The pre-medication result value of the FEF25% in [l/s]
+preMedFEF50+	The pre-medication result value of the FEF50% in [l/s]
+preMedFEF75+	The pre-medication result value of the FEF75% in [l/s]
+preMedFEF25to75+	The pre-medication result value of the FEF25-75% in [l/s]
+preMedEV+	The pre-medication result value of the EV in [ml]
+preMedEVdivFVC+	The pre-medication result value of the ratio EV / FVC in [%]
+preMedNAT+	The number of acceptable trials in the pre-medication result
+preMedAccept+	Indicates whether the pre-medication result is acceptable [true/false]
+pre%predFVC+	The pre-medication %-predicted value of the FVC in [%] (0 decimal)
+pre%predFEV1+	The pre-medication %-predicted value of the FEV1 in [%] (0 decimal)
+pre%predFEV1divFVC+	The pre-medication %-predicted value of the ratio FEV1 / FVC in [%] (0 decimal)
+pre%predFEV075+	The pre-medication %-predicted value of the FEV0.75 in [%] (0 decimal)
+pre%predFEV075divFVC+	The pre-medication %-predicted value of the ratio FEV0.75 / FVC in [%] (0 decimal)
+pre%predFEV05+	The pre-medication %-predicted value of the FEV0.5 in [%] (0 decimal)
+pre%predFEV05divFVC+	The pre-medication %-predicted value of the ratio FEV0.5 / FVC in [%] (0 decimal)
+pre%predFET+	The pre-medication %-predicted value of the FET in [%] (0 decimal)
+pre%predPEF+	The pre-medication %-predicted value of the PEF in [%] (0 decimal)
+pre%predTPEF+	The pre-medication %-predicted value of the TPEF in [%] (0 decimal)
+pre%predFEF25+	The pre-medication %-predicted value of the FEF25% in [%] (0 decimal)
+pre%predFEF50+	The pre-medication %-predicted value of the FEF50% in [%] (0 decimal)
+pre%predFEF75+	The pre-medication %-predicted value of the FEF75% in [%] (0 decimal)
+pre%predFEF25to75+	The pre-medication %-predicted value of the FEF25-75% in [%] (0 decimal)
+pre%predEV+	The pre-medication %-predicted value of the EV in [%] (0 decimal)
+pre%predEVdivFVC+	The pre-medication %-predicted value of the ratio EV / FVC in [%] (0 decimal)
+preZscoreFVC+	The pre-medication Z-Score value of the FVC in [l] (1 decimal)
+preZscoreFEV1+	The pre-medication Z-Score value of the FEV1 in [l] (1 decimal)

+preZscoreFEV1divFVC+	The pre-medication Z-Score value of the ratio FEV1 / FVC in [%] (1 decimal)
+preZscoreFEV075+	The pre-medication Z-Score value of the FEV0.75 in [%] (1 decimal)
+preZscoreFEV075divFVC+	The pre-medication Z-Score value of the ratio FEV0.75 / FVC in [%] (1 decimal)
+preZscoreFEV05+	The pre-medication Z-Score value of the FEV0.5 in [%] (1 decimal)
+preZscoreFEV05divFVC+	The pre-medication Z-Score value of the ratio FEV0.5 / FVC in [%] (1 decimal)
+preZscoreFET+	The pre-medication Z-Score value of the FET in [s] (1 decimal)
+preZscorePEF+	The pre-medication Z-Score value of the PEF in [l/s] (1 decimal)
+preZscoreTPEF+	The pre-medication Z-Score value of the TPEF in [s] (1 decimal)
+preZscoreFEF25+	The pre-medication Z-Score value of the FEF25% in [l/s] (1 decimal)
+preZscoreFEF50+	The pre-medication Z-Score value of the FEF50% in [l/s] (1 decimal)
+preZscoreFEF75+	The pre-medication Z-Score value of the FEF75% in [l/s] (1 decimal)
+preZscoreFEF25to75+	The pre-medication Z-Score value of the FEF25-75% in [l/s] (1 decimal)
+preZscoreEV+	The pre-medication Z-Score value of the EV in [ml] (1 decimal)
+preZscoreEVdivFVC+	The pre-medication Z-Score value of the ratio EV / FVC in [%] (1 decimal)
+preRepFVC+	The pre-medication repeatability value of the FVC in [l]
+preRepFEV1+	The pre-medication repeatability value of the FEV1 in [l]
+preRepFEV1divFVC+	The pre-medication repeatability value of the ratio FEV1 / FVC in [%]
+preRepFEV075+	The pre-medication repeatability value of the FEV0.75 in [l]
+preRepFEV075divFVC+	The pre-medication repeatability value of the ratio FEV0.75 / FVC in [%]
+preRepFEV05+	The pre-medication repeatability value of the FEV0.5 in [l]
+preRepFEV05divFVC+	The pre-medication repeatability value of the ratio FEV0.5 / FVC in [%]
+preRepFET+	The pre-medication repeatability value of the FET in [s]
+preRepPEF+	The pre-medication repeatability value of the PEF in [l/s]
+preRepTPEF+	The pre-medication repeatability value of the TPEF in [s]
+preRepFEF25+	The pre-medication repeatability value of the FEF25% in [l/s]
+preRepFEF50+	The pre-medication repeatability value of the FEF50% in [l/s]
+preRepFEF75+	The pre-medication repeatability value of the FEF75% in [l/s]
+preRepFEF25to75+	The pre-medication repeatability value of the FEF25-75% in [l/s]
+preRepEV+	The pre-medication repeatability value of the EV in [ml]

| +preRepEVdivFVC+ | The pre-medication repeatability value of the ratio EV / FVC in [%] |

2.10.2 Post-Medication

+postMedFVC+	The post-medication result value of the FVC in [l]
+postMedFEV1+	The post-medication result value of the FEV1 in [l]
+postMedFEV1divFVC+	The post-medication result value of the ratio FEV1 / FVC in [%]
+postMedFEV075+	The post-medication result value of the FEV0.75 in [l]
+postMedFEV075divFVC+	The post-medication result value of the ratio FEV0.75 / FVC in [%]
+postMedFEV05+	The post-medication result value of the FEV0.5 in [l]
+postMedFEV05divFVC+	The post-medication result value of the ratio FEV0.5 / FVC in [%]
+postMedFET+	The post-medication result value of the FET in [s]
+postMedPEF+	The post-medication result value of the PEF in [l/s]
+postMedTPEF+	The post-medication result value of the TPEF in [s]
+postMedFEF25+	The post-medication result value of the FEF25% in [l/s]
+postMedFEF50+	The post-medication result value of the FEF50% in [l/s]
+postMedFEF75+	The post-medication result value of the FEF75% in [l/s]
+postMedFEF25to75+	The post-medication result value of the FEF25-75% in [l/s]
+postMedEV+	The post-medication result value of the EV in [ml]
+postMedEVdivFVC+	The post-medication result value of the ratio EV / FVC in [%]
+postMedNAT+	The number of acceptable trials in the post-medication result
+postMedAccept+	Indicates whether the post-medication result is acceptable [true/false]
+post%predFVC+	The post-medication %-predicted value of the FVC in [%] (0 decimal)
+post%predFEV1+	The post-medication %-predicted value of the FEV1 in [%] (0 decimal)
+post%predFEV1divFVC+	The post-medication %-predicted value of the ratio FEV1 / FVC in [%] (0 decimal)
+post%predFEV075+	The post-medication %-predicted value of the FEV0.75 in [%] (0 decimal)
+post%predFEV075divFVC+	The post-medication %-predicted value of the ratio FEV0.75 / FVC in [%] (0 decimal)
+post%predFEV05+	The post-medication %-predicted value of the FEV0.5 in [%] (0 decimal)
+post%predFEV05divFVC+	The post-medication %-predicted value of the ratio FEV0.5 / FVC in [%] (0 decimal)
+post%predFET+	The post-medication %-predicted value of the FET in [%] (0 decimal)
+post%predPEF+	The post-medication %-predicted value of the PEF in [%] (0 decimal)

+post%predTPEF+	The post-medication %-predicted value of the TPEF in [%] (0 decimal)
+post%predFEF25+	The post-medication %-predicted value of the FEF25% in [%] (0 decimal)
+post%predFEF50+	The post-medication %-predicted value of the FEF50% in [%] (0 decimal)
+post%predFEF75+	The post-medication %-predicted value of the FEF75% in [%] (0 decimal)
+post%predFEF25to75+	The post-medication %-predicted value of the FEF25-75% in [%] (0 decimal)
+post%predEV+	The post-medication %-predicted value of the EV in [%] (0 decimal)
+post%predEVdivFVC+	The post-medication %-predicted value of the ratio EV / FVC in [%] (0 decimal)
+postZscoreFVC+	The post-medication Z-Score value of the FVC in [l] (1 decimal)
+postZscoreFEV1+	The post-medication Z-Score value of the FEV1 in [l] (1 decimal)
+postZscoreFEV1divFVC+	The post-medication Z-Score value of the ratio FEV1 / FVC in [%] (1 decimal)
+postZscoreFEV075+	The post-medication Z-Score value of the FEV0.75 in [%] (1 decimal)
+postZscoreFEV075divFVC+	The post-medication Z-Score value of the ratio FEV0.75 / FVC in [%] (1 decimal)
+postZscoreFEV05+	The post-medication Z-Score value of the FEV0.5 in [%] (1 decimal)
+postZscoreFEV05divFVC+	The post-medication Z-Score value of the ratio FEV0.5 / FVC in [%] (1 decimal)
+postZscoreFET+	The post-medication Z-Score value of the FET in [s] (1 decimal)
+postZscorePEF+	The post-medication Z-Score value of the PEF in [l/s] (1 decimal)
+postZscoreTPEF+	The post-medication Z-Score value of the TPEF in [s] (1 decimal)
+postZscoreFEF25+	The post-medication Z-Score value of the FEF25% in [l/s] (1 decimal)
+postZscoreFEF50+	The post-medication Z-Score value of the FEF50% in [l/s] (1 decimal)
+postZscoreFEF75+	The post-medication Z-Score value of the FEF75% in [l/s] (1 decimal)
+postZscoreFEF25to75+	The post-medication Z-Score value of the FEF25-75% in [l/s] (1 decimal)
+postZscoreEV+	The post-medication Z-Score value of the EV in [ml] (1 decimal)
+postZscoreEVdivFVC+	The post-medication Z-Score value of the ratio EV / FVC in [%] (1 decimal)
+postRepFVC+	The post-medication repeatability value of the FVC in [l]
+postRepFEV1+	The post-medication repeatability value of the FEV1 in [l]
+postRepFEV1divFVC+	The post-medication repeatability value of the ratio FEV1 / FVC in [%]
+postRepFEV075+	The post-medication repeatability value of the FEV0.75 in [l]
+postRepFEV075divFVC+	The post-medication repeatability value of the ratio

	FEV0.75 / FVC in [%]
+postRepFEV05+	The post-medication repeatability value of the FEV0.5 in [l]
+postRepFEV05divFVC+	The post-medication repeatability value of the ratio FEV0.5 / FVC in [%]
+postRepFET+	The post-medication repeatability value of the FET in [s]
+postRepPEF+	The post-medication repeatability value of the PEF in [l/s]
+postRepTPEF+	The post-medication repeatability value of the TPEF in [s]
+postRepFEF25+	The post-medication repeatability value of the FEF25% in [l/s]
+postRepFEF50+	The post-medication repeatability value of the FEF50% in [l/s]
+postRepFEF75+	The post-medication repeatability value of the FEF75% in [l/s]
+postRepFEF25to75+	The post-medication repeatability value of the FEF25-75% in [l/s]
+postRepEV+	The post-medication repeatability value of the EV in [ml]
+postRepEVdivFVC+	The post-medication repeatability value of the ratio EV / FVC in [%]

2.10.3 Post-Pre Result

+postPreFVC+	The post minus pre result value of the FVC in [l]
+postPreFEV1+	The post minus pre result value of the FEV1 in [l]
+postPreFEV1divFVC+	The post minus pre result value of the ratio FEV1 / FVC in [%]
+postPreFEV075+	The post minus pre result value of the FEV0.75 in [l]
+postPreFEV075divFVC+	The post minus pre result value of the ratio FEV0.75 / FVC in [%]
+postPreFEV05+	The post minus pre result value of the FEV0.5 in [l]
+postPreFEV05divFVC+	The post minus pre result value of the ratio FEV0.5 / FVC in [%]
+postPreFET+	The post minus pre result value of the FET in [s]
+postPrePEF+	The post minus pre result value of the PEF in [l/s]
+postPreTPEF+	The post minus pre result value of the TPEF in [s]
+postPreFEF25+	The post minus pre result value of the FEF25% in [l/s]
+postPreFEF50+	The post minus pre result value of the FEF50% in [l/s]
+postPreFEF75+	The post minus pre result value of the FEF75% in [l/s]
+postPreFEF25to75+	The post minus pre result value of the FEF25-75% in [l/s]
+postPreEV+	The post minus pre result value of the EV in [ml]
+postPreEVdivFVC+	The post minus pre result value of the ratio EV / FVC in [%]

2.11

2.10.4 Trend-Data

+trendChartFVCpre+	A trend chart showing the pre-medication FVC of all tests
+trendChartFVCpost+	A trend chart showing the post-medication FVC of all tests
+trendChartFEV1pre+	A trend chart showing the pre-medication FEV1 of all tests
+trendChartFEV1post+	A trend chart showing the post-medication FEV1 of all tests
+trendDataColDate+	A table column with the test dates
+trendDataColFVCpre+	A table column with the pre-medication FVC result values
+trendDataColFVCpost+	A table column with the post-medication FVC result values
+trendDataColFEV1pre+	A table column with the pre-medication FEV1 result values
+trendDataColFEV1post+	A table column with the post-medication FEV1 result values

2.10.5 FVC Trials

+fvctTime1+	Time when the trial was measured
+fvctNumber1+	The trial number
+fvctPostMed1+	Indicates whether the trial is a post-medication trial [true/false]
+fvctMedName1+	The name of the medicament applied before measurement
+fvctMedDose1+	The dosage of the medicament applied before measurement
+fvctPosture1+	The posture of the patient during measurement
+fvctNoseClip1+	Indicates whether the nose-clip was mounted [true/false]
+fvctTime2+	Time when the trial was measured
+fvctNumber2+	The trial number
+fvctPostMed2+	Indicates whether the trial is a post-medication trial [true/false]
+fvctMedName2+	The name of the medicament applied before measurement
+fvctMedDose2+	The dosage of the medicament applied before measurement
+fvctPosture2+	Tthe posture of the patient during measurement
+fvctNoseClip2+	Indicates whether the nose-clip was mounted [true/false]

2.11   Warnings

The collection of warnings is a list. Therefore, the same conditions apply as for the trial objects. As a test can possibly contain more than one trial, each key needs to

be mentioned exactly twice ("+wReason1+" and "+wReason2+") to indicate a pattern how to continue with this sequence.

+wReason1+	Warning reason
+wText1+	Warning text (currently still same as warning reason)
+wThs1+	Threshold applied for the warning criterion
+wVal1+	Actual value in the test (that caused the warning)
+wTrialNo1+	The trial number that caused the warning

2.12   Trend Report

+pFirstName+	First name of the patient
+pLastName+	Last name of the patient
+pNumber+	Patient number
+pBirth+	Birth date
+pGen+	Gender/sex
+pEth+	Ethnicity
+pDesc+	Description (at test time)
+DataTable+	The table holding all textual data
+ChartTitle1+	The title of a trend chart
+ChartImage1+	A trend chart

2.13   Status Reports

Since the collections of calibrations / synchronizations / changes are a list, the same conditions apply as for the different objects. Since the event can possibly contain more than one change, each key need to be mentioned exactly twice ("+logTimestamp1+" and "+logTimestamp2+") to indicate a pattern how to continue with this sequence.

2.12.1 Calibration Report

+cFlowChart1+	The flow chart (for flow calibrations)
+cVolumeChart1+	The volume chart (for flow calibrations)
+cNoChart1+	The NO chart (for NO calibrations)
+cChannelChart1+	The O_2 chart (for channel calibrations)
+cSummary1+	The calibration result summary
+cUserName1+	The user string of the executing user
+cReason1+	The reason for the calibration

2.13

+cClbValues1+	The flow calibration values

2.12.2 Synchronization Report

+syncSummary1+	The synchronization result summary
+syncUserName1+	The user string of the executing user

2.12.3 Change Log Report

+logTimestamp1+	The timestamp of the modification
+logItemName1+	The name of the modified item
+logOrgValue1+	The original value of the item
+logNewValue1+	The new value of the item
+logUserId1+	The modification user ID