

bluepoint MEDICAL	Calibration Protocol	Revision 0
Internal Document	Widerstandsmessgerät SpiroTrue A - Endtest -	Page 1 of 1

Device Name	Serial Number	Equipment Number
Widerstandsmessgerät SpiroTrue A	ID689559	CE0181

Test Step	Result	Comment
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1. Visible Inspection

Housing: ☒ OK ☐ not OK

Other:

2. Calibration

Procedure:

- Switch device on for at **least 15 minutes**
- Connect reference samples (PM057), repeat this **10 times** for each sample (0 Ohm and 2.4 Ohm)

2.1	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.11	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK
2.2	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.12	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK
2.3	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.13	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK
2.4	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.14	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK
2.5	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.15	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK
2.6	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.16	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK
2.7	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.17	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK
2.8	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.18	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK
2.9	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.19	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK
2.10	0 $\Omega \pm 0.1$	☒ OK	☐ not OK	2.20	2.4 $\Omega \pm 0.1$	☒ OK	☐ not OK

3. Result

Calibration successful ☒ OK ☐ not OK

Due of Calibration: 13.01.2021

Location: bluepoint medical

Environment Conditions: 23 °C °C 1028 hPa

Reference Sample: Prüfmuster SpiroTrue A PM057

4. Others

Measurement details: See attached Annex

Verified by:  Name: Jan Philip Brünig Date: 12.01.2018

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Calibration Protocol - Annex

Device Name: SpiroTrue A Endtest
Heating period: 15min
Pressure: 1028 hPa Temperature: 23 °C
Reference Sample: PM057 (0 Ohm and 2.4 Ohm)

Resistor Value: Measurement #	0 [Ω]		2,4 [Ω]	
	Display top	Display bottom	Display top	Display bottom
1	0,066	0,058	2,416	2,413
2	0,064	0,058	2,413	2,413
3	0,066	0,059	2,413	2,412
4	0,064	0,057	2,412	2,411
5	0,064	0,058	2,413	2,412
6	0,064	0,058	2,412	2,412
7	0,065	0,059	2,415	2,411
8	0,064	0,06	2,413	2,412
9	0,065	0,058	2,413	2,414
10	0,065	0,057	2,413	2,412

Mean Value: 0,065 0,058 2,413 2,412
Standard Deviation: 0,001 0,001 0,001 0,001

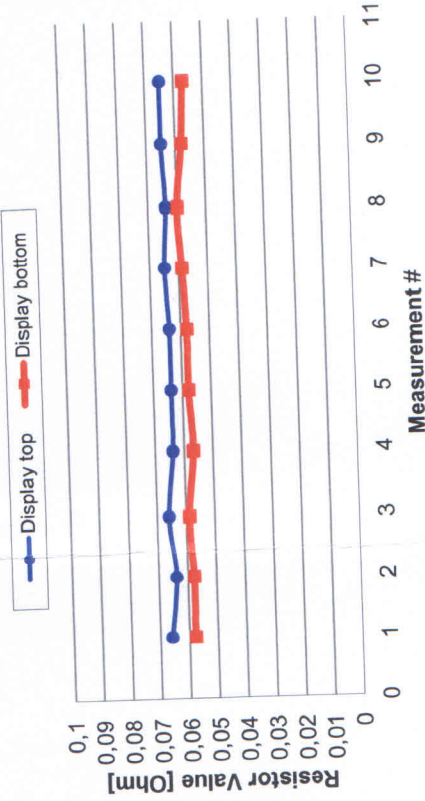
Verified by:


Name

12.01.2018

Date

Reference Sample #1: 0 Ohm



Reference Sample #2: 2.4 Ohm

