Widerstandsset zur Kalibrierung von Leitfähigkeits-Messgeräten

6R/SET/LAB1
6R/SET/LAB2

Resistor Set for Calibration of Conductivity Meters

Bedienung:

- Widerstandsstecker auf Messzellenanschluss stecken.

  6R/SET/LAB2 (nicht mehr erhältlich): Für Geräte mit 7-poliger Buchse den beigelegten Adapter verwenden.

- Gerät wie folgt einstellen:
  - Zellenkonstante C gemäß Tabelle auf der folgenden Seite
  - T_{REF} = 25,0 °C
  - keine Temperaturkompensation bzw.
    lineare Temperaturkompensation mit Koeffizient = 0 %/K

- Angezeigten Wert mit dem Sollwert in der Tabelle (je nach gewähltem Messbereich) vergleichen.

Operation:

- *Connect resistor plug to socket for measuring cell.*

  6R/SET/LAB2 (discontinued):
  For meters with 7-pole socket use the inserted adapter.

- *Set the instrument as follows:*
  - *Cell constant C according to the table on the following page*
  - T_{REF} *= 25.0 °C*
  - *No temperature compensation or*
    linear temperature compensation with coefficient = 0 %/K

- *Compare displayed value to nominal value in table (depending on selected measuring range).*

6R/SET/LAB 1/2

Anzeige des Geräts nach folgender Tabelle überprüfen:

Check displayed value of meter according to the following table:

Gerät / meter	**C [cm^{-1}]**	**Anzeige mit Widerstandsstecker (Aufdruck = µS) / *displayed value with resistor plug (imprint = µS)***						**Temperatur *temperature***
		1	**10**	**100**	**1000**	**10 000**	**100 000**	
LF 91	1.000 (fest/*fixed*)	1.0 ± 0.2	10.0 ± 0.3	100.1 ± 0.7	1004 ± 7	10.27 ± 0.07	108.0 ± 0.7	25.0 ± 0.35
LF 92	0.629 (fest/*fixed*)	0.6 ± 0.2	6.1 ± 0.2	60.9 ± 0.5	609 ± 4	6.09 ± 0.04	60.9 ± 0.5	25.0 ± 0.3
LF 95	0.629 (fest/*fixed*)	0.6 ± 0.2	6.1 ± 0.2	60.9 ± 0.5	609 ± 4	6.09 ± 0.04	60.9 ± 0.5	25.0 ± 0.2
LF 96	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 1.0	1000 ± 10	10.00 ± 0.10	100.0 ± 1.0	25.0 ± 0.3
LF 191	1.000	1.0 ± 0.2	10.0 ± 0.3	100.0 ± 0.7	1003 ± 7	10.09 ± 0.07	102.4 ± 0.7	25.0 ± 0.3
LF 196	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 1.0	1000 ± 10	10.00 ± 0.10	100.0 ± 1.0	25.0 ± 0.3
LF 197	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
Cond 197i / 1970i	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
Multi 197i / 1970i	0.475 (fest/*fixed*)	---	5 ± 1	48 ± 2	475 ± 4	4.75 ± 0.04	47.5 ± 0.4	25.0 ± 0.2
LF 315	1.000 (fest/*fixed*)	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	9.95 ± 0.06	---	---
LF 318	0.475 (fest/*fixed*)	0.5 ± 0.2	4.8 ± 0.2	47.5 ± 0.4	475 ± 4	4.75 ± 0.04	47.5 ± 0.4	25.0 ± 0.2
LF 320 / 323 / 325 / 330 / 340	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
LF 537	1.000	1.00 ± 0.02	10.0 ± 0.2	100.0 ± 1.0	1000 ± 10	10.00 ± 0.10	100.0 ± 1.0	25.0 ± 0.3
LF 538	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
LF 539	1.000	1.00 ± 0.02	10.0 ± 0.07	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.3
LF 597	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
LF 3000	1.000	1.00 ± 0.02	10.0 ± 0.07	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
MultiLine P4 / P5	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
MultiLab 540	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
MultiLine P3 pH/LF	0.475 (fest/*fixed*)	---	5 ± 1	48 ± 2	475 ± 4	4.75 ± 0.04	47.5 ± 0.4	25.0 ± 0.2
MultiLine P4	0.475 (fest/*fixed*)	---	5 ± 1	48 ± 2	475 ± 4	4.75 ± 0.04	47.5 ± 0.4	25.0 ± 0.2
inoLab Cond Level 1 / 2 / 3	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
inoLab pH/Cond Level 1 / 3	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
inoLab Multi Level 1 / 3	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
Cond 315i	0.475 (fest/*fixed*)	0.5 ± 0.2	4.8 ± 0.2	47.5 ± 0.4	475 ± 4	4.75 ± 0.04	47.5 ± 0.4	25.0 ± 0.2
Cond 330i / 340i	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
pH/Cond 340i	0.475 (fest/*fixed*)	---	5 ± 1	48 ± 2	475 ± 4	4.75 ± 0.04	47.5 ± 0.4	25.0 ± 0.2
Cond 3110	0.475	0.5 ± 0.2	4.8 ± 0.2	47.5 ± 0.4	475 ± 4	4.75 ± 0.04	47.5 ± 0.4	25.0 ± 0.2
Cond 3210 / 3310	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
Cond 7110 / 7310	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
Multi 340i	0.475 (fest/*fixed*)	---	5 ± 1	48 ± 2	475 ± 4	4.75 ± 0.04	47.5 ± 0.4	25.0 ± 0.2
Multi 350i	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
inoLab Cond 720 / 730 / 740	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
inoLab pH/Cond 720 / 730	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
inoLab Multi 720 / 740	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2
inoLab pH/ION/Cond 750	1.000	1.0 ± 0.2	10.0 ± 0.2	100.0 ± 0.6	1000 ± 6	10.00 ± 0.06	100.0 ± 0.6	25.0 ± 0.2