



HUMIDITY STANDARDS

Equipped with Rotronic humidity standards, a suitable calibration device and the HW4 software, it is easy to calibrate and adjust probes on-site at your premises. It is also possible to calibrate and adjust probes with the handheld instrument HP32-A (HW4 software then not necessary).

APPLICATIONS

Calibration and adjustment of Rotronic probes (third-party probes also possible).

FEATURES

- Traceable to national standard
- Ampoules contain unsaturated salt solutions
- Inexpensive calibration on site
- Simple and safe use
- Unlimited lifetime as long as the glass ampoules are kept sealed
- Practical packs of 5 ampoules of the same humidity value (approx. 0.8 ml per ampoule)

Order code	Nominal value	Measurement uncertainty at 23 °C
EA00-SCS	0.5 %RH	±0.3 %RH
EA05-SCS	5 %RH	
EA10-SCS	10 %RH	
EA11-SCS	11.3 %RH	
EA20-SCS	20 %RH	
EA35-SCS	35 %RH	±0.4 %RH
EA50-SCS	50 %RH	±0.6 %RH
EA60-SCS	60 %RH	±0.7 %RH
EA65-SCS	65 %RH	
EA75-SCS	75.3 %RH	
EA80-SCS	80 %RH	±0.8 %RH
EA95-SCS	95 %RH	



COMPATIBLE

- With all calibration devices, page 80

DELIVERY PACKAGE

- SCS certificate
- Textile pads
- Calibration instructions

RECOMMENDED ACCESSORIES






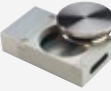


- Textile pads in tubes (50 pc.) EA-PADS



CALIBRATION DEVICES

APPLICATIONS

Rotronic calibration devices are small, airtight chambers that fit Rotronic probes precisely. The lower part of the device consists of a screw-on lid into which the humidity standard is poured on to an absorbent textile pad. The specified humidity is generated in the calibration device after a stabilization period. High humidity values require a longer stabilization period. The probe can then be calibrated or adjusted by comparison with the reference value of the humidity standard.

Order code	Use	
Push-on calibration devices. Gasket with O-ring and thumb screw		
ER-15	For 1 probe Ø 14...15 mm Brass, nickel-plated	
EDM 15/15	For 2 probes Ø 14...15 mm Brass, nickel-plated	
ER-20K	For 1 probe Ø 20 mm Brass, nickel-plated	
Screw-on calibration devices. Gasket with seal face on probe. Cannot be used for HC2-S probes		
EM-25	For 1 probe Ø 25 mm (PG11) Brass, nickel-plated	
EM-G	For probe types E, HP...IE... Screw-in probes (½" G / ½" NPT) Brass, nickel-plated	
Calibration devices for special probes		
EGS	For all sword probes Brass, nickel-plated	
ER-CRP	For HC2-CRP cleanroom probes POM, FKM, PA, PUR, PEEK	
EM-25-HM	For HM4 probes POM, brass, nickel-plated	

Order code	Use	
Push-on calibration devices. Gasket with O-ring and thumb screw		
ERV-15	For 1 probe Ø 14...15 mm Vertical calibration position Brass, nickel-plated	
ER-05	For 1 probe Ø 4...5 mm Brass, nickel-plated	
ER-12K	For 1 probe Ø 12 mm Brass, nickel-plated	
Screw-on calibration devices. Gasket with seal face on probe. Cannot be used for HC2A-S probes		
EMV-25	For 1 probe Ø 25 mm (PG11) Vertical calibration position Aluminum, Ematal-coated	
Calibration devices for special probes		
WP-14-S	For bell probes HC2-AW, HC2-AW-USB, AW-DIO POM, stainless steel 1.4305	
HL-20-CAL	For HL-20 POM Spring steel 1.4310	

Other calibration devices on request.