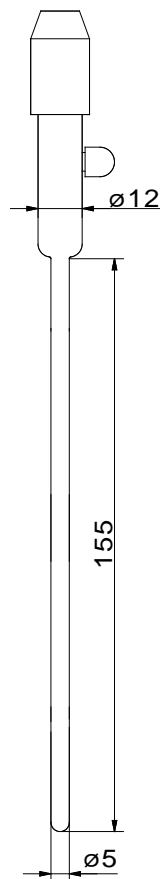


HgE11, HgO11

Reference Electrodes



HgE11, HgO11
Dimension in mm

These reference electrodes HgE11 (Hg/Hg₂SO₄) and HgO11 (Hg/HgO) feature application in very small volumes and special laboratory use. The electrodes (HgE11NSK7 and HgO11NSK7) are equipped with a standard taper NS 7 and enable application in closed vessels i. e. in corrosion measuring cells.

Electrode shaft	glass, Ø 5 mm
Shaft length	155 mm
Temperature range	-5...60 °C
Reference system	<ul style="list-style-type: none"> ▪ HgE11: Hg/Hg₂SO₄ cartridge ▪ HgO11: Hg/HgO cartridge
Electrolyte	<ul style="list-style-type: none"> ▪ HgE11: fluid (saturated K₂SO₄ solution) with K₂SO₄ reservoir, refillable ▪ HgO11: fluid, KOH, 1 M (1 mol/l), refillable
Diaphragm	1 ceramic junction
Resistance (Diaphragm)	< 5 kΩ
Minimal immersion depth	10 mm
Electrical connection	▪ 4 mm banana socket

- Accompanying plug head cable connections:
 - Koax1/1: measuring cable length 1 m with 4 mm banana plug, without meter plug
 - MK1/1: measuring cable (one-wire) length 1 m with 4 mm banana plug, without meter plug
 - MK2/1: measuring cable (one-wire) length 1 m with 2 x 4 mm banana plug