



Standard corrosion probes

Applications:

- Inhibitor testing
- Polarisation tests
- Tafel analysis
- LPR
- AC Impedance
- Current and voltage measurement
- Galvanic measurements



Our standard range of probes are designed for use in 1L quick fit reaction vessels and are supplied with locking fitment to secure and seal the probes in the cell lid.

Made from PEEK, the probe bodies are robust and have good chemical resistant properties. Electrodes are attached to stainless steel 3mm or 440UNC studs. Connection is via silicone flexible flying leads terminated with 4mm sockets or 6 pin Amphenol.

Custom probe designs can be made to order. Please contact us for a quotation.

Standard probe designs

ACMP1 – Two pin probe with 3mm threads for both electrodes

ACMP2 – Two pin probe with 440UNC threads for both electrodes

ACMP3 – Three pin probe with two 440UNC and one 3mm. Typically the 440UNC are used for mild steel electrodes, in this case one working and one reference and the 3mm for a Hastelloy auxiliary/counter electrode. This is an alternative to the standard ACMP4 with the mild steel reference giving a more stable potential

ACMP4 – Three pin probe with 3mm and one 440UNC. The widely used standard for LPR and bubble tests, typically with a mild steel 440UNC working electrode and 3mm Hastelloy reference and auxiliary/counter electrodes.

ACMP5 – Three pin probe with all 3mm threads. Gives more flexibility when making electrodes.

Standard probe shaft is \varnothing 19mm by 200mm. Gland taper \varnothing 21.5 - 23.5mm by 23mm. Cable length 120mm. All dimensions approximate.

