

# REFEX™ 2001 Series 12mm pH Combination Electrode

Maintenance free REFEX™ 2001 Series electrodes are designed for pH measurement applications in many industries. 2001 Series combination electrodes feature the patented REFEX non-porous, hard ionically conductive interface/barrier to prevent reference electrode electrolyte loss and poisoning.

These are available in three different lengths 120mm, 225mm, 325mm and 425mm.

Typical application areas: Petro/Chemical, Pulp & Paper, Pharmaceutical, Water Treatment, UPW

**Specifications:**

<b>Measuring Method:</b>	pH / reference combination electrode
<b>Reference</b>	Patented non-porous REFEX interface.
<b>Junction/Half Cell:</b>	Ag/AgCl in KCl 2.8 mol/l (sealed for life)
<b>Range:</b>	pH 0...12
<b>Eo Zero vs Ag/AgCl:</b>	pH = 6.8 (+/- 20 mV)
<b>Impedance pH-glass/ref:</b>	200 MΩ Nom. / <100 kΩ
<b>Temperature Range:</b>	0...100°C
<b>Pressure Range:</b>	0...20 bar
<b>Liquid Earth:</b>	No
<b>Temperature Sensor:</b>	Optional 100Ω/1000Ω RTD
<b>Standard Dimensions:</b>	12mm x 120mm
<b>Internal Seals:</b>	Pt/glass
<b>Electrical Connection:</b>	<b>IP69 fixed cables 1m, 3m, 5m, and 10m</b>
<b>Recommended Storage:</b>	Hydrate in 2.8 mol/l KCl, ambient temp.

**Accessories:**

<b>IMPP-1m:</b>	Immersion DIP system
<b>EXBP PG:</b>	Extraction bypass system



**EC-399-2001-PT1000-LE**  
1m/5m/10m



**EC-3/4''-556-2001-Pt1000/Pt100-LE**  
1m/3m/5m/10m