REFEX™ 5710 Series

12mm Reference Electrode

Maintenance free REFEX™ 5710 Series electrodes are designed for pH and ORP measurement applications in many industries. 5710 Series electrodes feature excellent measurement accuracy and stability in service over an exceptionally long, maintenance free service lifetime

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

Specifications:

Reference Junction:	Patented Refex non-porous ionically conductive interface/barrier
Half Cell:	Ag/AgCl in 2.8 mol/l KCl (sealed for life)
Eo Zero vs Ag/AgCl:	pH = 6.8 (+/- 20 mV)
Impedance:	< 100 kΩ
Temperature Range:	0...100°C
Pressure Range:	0...20 bar
Standard Dimensions:	12mm x 120, 160 or 225mm
Electrical Connector:	Type S8, S7 Yokogawa, others available Cable 1m, 5m, others
Recommended Storage:	Hydrate in 2.8 mol/l KCl, ambient temp.

S8-5710-120   YG-5710-120

For more information:
www.southforkinst.com
info@southforkinst.com
T: 925-461-5059

SFI SOUTH FORK INSTRUMENTS

Made in Ireland

Applications: In-Line and Immersion Systems

- Potable Water Applications
- Optimized Coagulation
- Low Ionic Raw Water and Ultra Pure Water (UPW)
- All Oil & Gas Sour Water
- All Petrochemical Process Water
- Chlor-Alkali - Chlorinated and Waste Brines
- Food and Beverage - CIP and SIP
- Industrial Waste Water
- Waste Water Treatment
- Heavy Metal Processes
- Pulp and Paper

Advantages of Refex Non Porous Electrodes

- Protected Ag/AgCl reference half cell - REFEX barrier/interface prevents all liquid contact/exchange
- Resistant to fouling and poisoning
- Suitable for temperatures between 0…100°C
- Operates in pressures between full vacuum and 20 bar / 290 psi
- Instantaneous response to pH change
- Constant Eo zero - almost maintenance free
- Long electrode life - many times longer than all others
- Compatible with all modern pH instruments with dual high impedance inputs for pH and reference electrodes.
- No diffusion potential errors in low ionic waters
- No electrolyte refilling - sealed for life

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