

STEAM STERILISABLE AUTOCLAVABLE pH ELECTRODE



I-1000 Series

This **Van-London Electrode, USA** series of high performance, low cost pH electrodes are designed for continuous pH or ORP measurement at high temperatures in process. The electrodes are designed to be Autoclavable and to withstand repeated Steam sterilisations. The unique design features are

- * A special Combination electrode design using a concentric measuring and reference electrode with large reference area minimises reference clogging problems.
- * Annular Ceramic reference junction permits use where high solution currents prevail and is unaffected by streaming potentials.
- * Double Junction Polymerised Gel filled reference requires no pressurisation or refilling during use and permits the use in samples containing organic compounds, proteins, heavy metals or other compounds that react with silver.
- * 12 mm dia Glass body with PG 13.5 mounting and detachable S8 connector provides flexibility in the use of pH electrode holders and replacement.
- * Electrode lengths upto 400 mm to suit retractable Electrode holders.

Applications for the electrode include

- Fermentation processes.
- Chemical industries.
- Tanneries.
- Electroplating industries.
- Food industries

Specifications

pH range	0 to 12
Pressure	60 psi
Temperature range	-5 to 135°C
Electrode body	Glass 12 mm dia,
Reference	Double junction, Polymerised Gel filled, outer AgCl free
Reference junction	Large Annular Ceramic.
Mounting	PG13.5 with detachable S7 cable connector.

Ordering Information

0-12 pH	I-1000-S8-	xxx
Length 120 mm		120
225 mm		225
310mm		310
360 mm		360
3 m Electrode cable with S7 connector		2010662-010B
5 m Electrode cable with S7 connector		2010662-015

Specifications subject to change without prior notice



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