

ONLINE PH METER

Sr#	Description	Qty
1	<p><u>On-Line pH Meter:</u></p> <ul style="list-style-type: none"> • Purpose: to continuously measure (Locally and Remotely) the pH of fluid in a pipe for product monitoring • pH Range: -2 to 5 • Operating Temperature: 40-117 Deg C • Operating Pressure: 2 Bar (Max) • Fluid/Media: Acetic Acid (90-100%), Water (0~5%), Nitric Acid (0-2%), n-Butyl Acetate (0~5%) • Flow Rate of Fluid in line: 100 to 900 (kg/hr) • Mounting: 1/2" RFWN Flange ANSI#150 • Material: Hastelloy / Stainless Steel • Housing: Stainless Steel • Speed of Response: 3-5 sec • Make: Sensorex / Equivalent European Origin • Transmitter Output: 4 ~ 20 mA (2-Wire) • Local Display: Yes (4" ~ 6" LED display with digital value) • Electrode Adapter: Yes • Protection: EEx (d) IIC T6, IP 65 <p>The pH-analyzer must have the following features:</p> <ol style="list-style-type: none"> Complete set of pH meter/sensor for the continuous pH measurements (locally and remotely) with online fittings and inline adapter for inline installation without additional bypass components. Wetted material compatible with 99% Conc. Acetic Acid. Measuring liquid may contain small amount of butyl acetate, HNO₃ and water. For calibration purpose, provision of standard fluids and compatibility with HART programmable calibrator. Rapid response to changes in concentration or temperature provides real time results and Drift-free measurement. High resolution, high visibility LED display and repeatability, rapid response and accurate measuring results. Designed to withstand the rough conditions of the acidic industrial environment. Complete technical literature/brochures, maintenance schedule, operational life, and installation/foundation drawings must be in the scope of supply. Any other item for the efficient & safe working of the system must be specified. 	One
<p><u>Notes:</u></p> <ol style="list-style-type: none"> Technical literature of the offered product must be provided with the quotation. Make and country of origin of the offered items should be mentioned in the quotation. 		