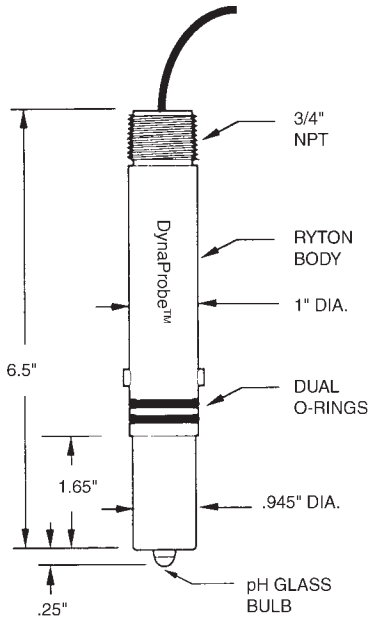


# DynaProbe pH & ORP Sensors & probe holders

The ST851 is a rugged, sealed sensor assembly designed for in-line or submersion applications. The patented solid state reference cell features the unique IonTrap™ design for extended service life in the most severe applications. The body is molded from chemically resistant Ryton (PPS) and the reference junction is either porous Teflon or wood. Built-in temperature compensators are available. Optional sensor guard locks onto the front of the sensor and protects the sensor tip from impact. Sensor also available in ORP (Redox) version.



### SPECIFICATIONS

<b>pH Range:</b>	0 - 14 pH
<b>ORP Range:</b>	± 5000 mV
<b>Temp Range:</b>	0-120°C
<b>Max Press./Temp:</b>	50 psig at 120°C
<b>Reference:</b>	Ag-AgCl
<b>Wetted materials:</b>	Ryton, Teflon or Wood, Glass, Viton O-Rings

### OPTIONS

#### pH DynaProbe with Rugged Dome pH Bulb.

Choice of either Teflon or Wood Coaxial Liquid Junction. Designed to withstand the toughest industrial applications for best overall performance.

#### pH DynaProbe with Flat pH Bulb.

Choice of Teflon Coaxial Liquid Junction only. Designed for obstructionless contact with the sample stream for self cleaning service.

#### ORP DynaProbe with Platinum Band.

Choice of either Teflon or Wood Coaxial Liquid Junction. Designed for measuring the Oxidation-Reduction Potential of the sample.



**pH DynaProbe** ST851-T330-A33TE Twist lock Ryton body HT3 dome bulb and Teflon Junction, c/w 10m co-axial cable and pin lugs.

**Part No.**

**A41022120**

**rH DynaProbe** ST851-RPB0-A33TE Twist lock Ryton body platinum band HT3 dome bulb and Teflon Junction, c/w 10m co-axial cable and pin lugs.

**A42022136**

**Note:** Alternate higher pressure and temperature sensors available.

## Probe Holders for DynaProbe

For **SUBMERSIBLE** applications, Flexible pipe assembly with J-Box has union connection to top of DynaProbe and protective cover, 1.8m approx.

**PA02032252**

**Note:** DYNAPROBE not included, must be ordered separately.



For **SUBMERSIBLE** or **IN-LINE** applications, Flexible pipe assembly with J-Box has union connection to top of DynaProbe and TWIST-LOCK protective cover, 1.8m approx.

**PA02032789**

**Note:** DynaProbe not included, must be ordered separately.



**PVC Twist-Lock Probe Adaptor** for either submersible or 3/4" In-Line applications, with 1/4" plug for jet wash connections. To suit Twist Lock DynaProbe.

**A03821496**



**CHEMICAL JET WASH** applications add:- Special Jet Valve assy, 6x4 to 1/4" BSP. suitable for submersible or if holder mounted in line, flow must be stopped.

**A914559**

**ADD** Concept CNPA1002PPE200C0100 Pump or other set at 180 SPM

see 'Yellow Pages' or beta/ 4

