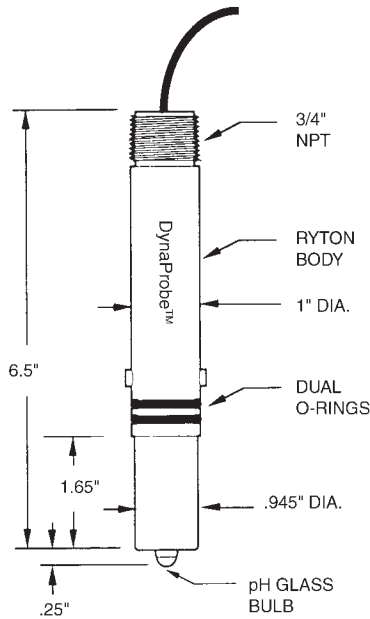


4.2 DYNAPROBE™ pH & ORP Sensors & probe holders

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

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

OPTIONS

pH DynaProbe™ with Rugged Dome pH Bulb.

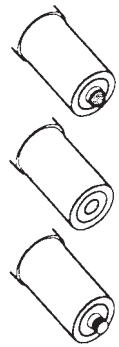
Choice of either Teflon or Wood Coaxial Liquid Junction. Designed to withstand the toughest industrial applications for best overall performance.

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.



Part No.

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

A41022120

pH 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

Top



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

Top



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 DYNAPROBES.

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 BETA4

