

Aquatronix ATI 856/ ATI 956 DynaProbe Industrial pH and ORP Sensors

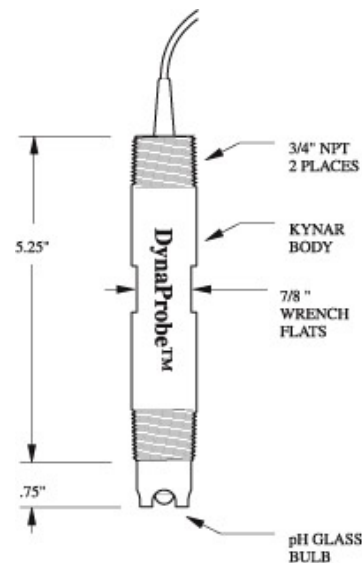
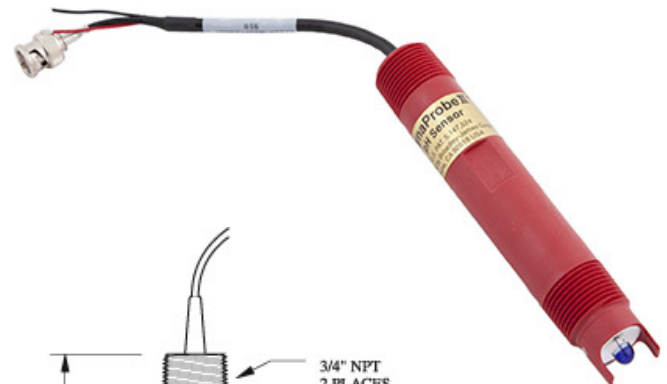
BESTOBELL
AQUATRONIX

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BEP-Bestobell
www.bestobell.com

ATI 856 / ATI 956 Twist Lock DynaProbe Industrial pH and ORP Sensors

The ATI856 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, with an integral 3/4" MNPT insertion thread, is moulded from chemically resistant Kynar and the reference junction is porous Te on. Built-in temperature compensators are available. Features include built-in sensor guard that protects the sensor tip from impact. Sensor also available in Redox (ORP) version.



Model ST856
U.S. Pat. 5,147,524

Specification

pH Range: 0-14 pH

Redox Range: \pm 5000 mV

Temp Range: 0 -100° C

Max Pressure/Temp: 100 psig at 50° C

Reference: Ag-AgCl

Wetted Materials: Kynar, Teflon, Glass

Standard cable length: 7 Feet



Options.....

pH DynaProbe™ with Rugged Dome pH Bulb and Teflon Coaxial Liquid Junction

Designed to withstand the toughest industrial applications for best overall performance.

ORP DynaProbe™ with Platinum Band and Teflon Coaxial Liquid Junction

Designed for measuring the Oxidation- Reduction Potential of the sample.

Please use this information to build your part number. If you need any assistance please call us on 1-800-668-3979

Part No.	1	2	3	4	-	5	6	7	8	9	10
ATI856/956	—	—	—	—	—	—	—	—	—	—	—

1 — Liquid Junction

- [T] Coaxial Teflon
- [R] Recessed Coaxial Teflon

2-3 — Measurement Electrode:

- [33] pH, HT-3 Rugged Dome Bulb
- [43] pH, HT-4 pH Bulb (for pH 13 & above)
- [PB] Redox, Platinum Band

4 — Temperature Compensator:

- [0] T.C. not required
- [1] 3K Ohms
- [D] Pt 100 Ohms
- [H] Pt 1000 Ohms

5 — Cable Type:

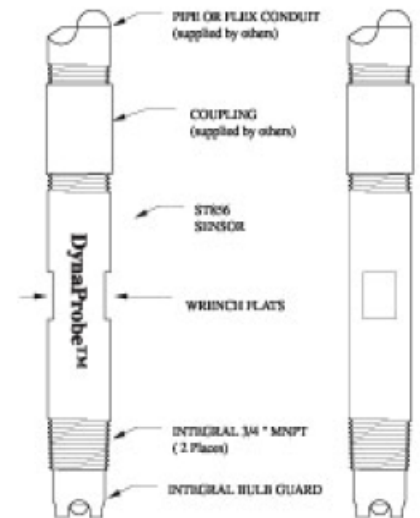
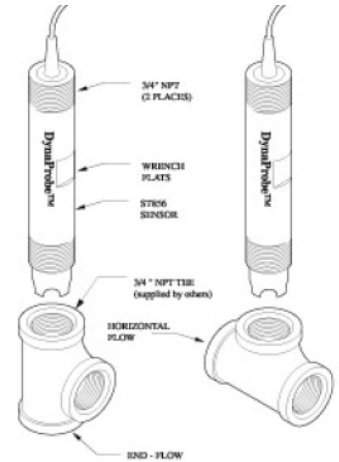
- [A] Low Noise Coax- for more than 7ft.
- [E] Jacketed Coax w/TC leads - for more than 7 ft.
- [T] Teflon Coax cable (> 80 C service) for more than 7 ft.
- [U] Jacketed Teflon Coax w/TC leads (> 80 C service) for more than 7 ft.

6-7 — Cable Length:

- [0-7] 7 ft. is standard length
- [XX] Specify length (in feet) above 7 ft. standard length

8-9 — Required Sensor Connectors:

- [BC] BNC only (use with Redox or sensors w/o TC or solution ground)
- [FB] BNC for pH a& ferrules on all other leads (use with Terminal Block)
- [FF] All ferrule connectors (use with Terminal Block)
- [B1] BNC for pH, Stripped and tinned leads for T/C. (use with Terminal Block)



10 — Optional Terminal block Connector for Temperature compensator

- [C]

Accessories:

For extension cables contact Bestobell-Aquatronix
 Note: ATI 956, same as ATI 856 but with conductive body material for solution grounding.



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*Since 1953, Quality Products to Sense, Measure & Control
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