

**BAT pH Sensors**

Patented Axial Ion Path Reference Cell

**Most experienced pH knowledge base in the Industry.**  
**Origin of most pH sensor technologies in use today.**



Sensors designed for harsh process environments:

- **Hi-Pressures** - up to 170 bar,
- **Hi-Temperatures** - up to 150°C,
- Chemical Plants,
- Oil Refining,
- Pulp & Paper,
- Mining,
- Industrial Waste Treatment, and other.

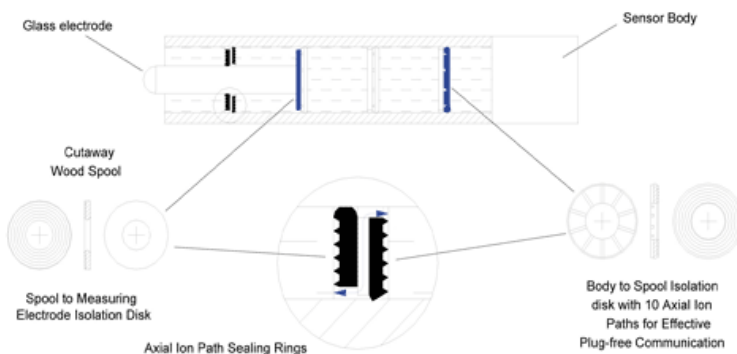
**An unbroken record of innovation**

Ted Barben introduced the first truly reliable pH sensor in 1964. In 1976, Ted and his partners started to produce the revolutionary wood-cored pH probe, which offered a significant increase in ruggedness and life over traditional double junction probes.

Continuing this record of innovation, the patented line of **Axial Ion Path** pH sensors was developed. The A.I.P. design has proven to deliver up to **6 times the life** of competitive probes, with the best performance being in the toughest applications.

**Advantages of BAT pH Sensors** include:

- Elimination of focused plugging points between each of five Wood Spool/Junctions,
- Resistance to poisoning by way of longer Ion Paths formed in Axial Ion Path Discs and five natural poison resistant Wood Spools,
- Reduced electrode breakage caused by uneven wood swelling commonly associated with other sensors using glued-in wood references,
- Longer reference life due to a greater volume of concentrated electrolyte surrounding each of the five Wood Spool/Junctions.



Read more about [3rd Generation pH Sensors](#).

**DISCOVER OUR IMPRESSIVE PERFORMANCE  
 ADVANTAGE**

**Guide to Gas Flow Measurement**

- How to select a gas flow meter that will provide the required performance,
- What can be done if the flowmeter's recommended installation requirements cannot be provided?
- Solution for measurements in very large ducts,
- Why isn't the flowmeter indication correctly?

Read more at [www.measurIT.com](http://www.measurIT.com)

**OUR PRODUCTS****Systems of Valves**

- [Tideflex Effluent Diffusers](#)

**Valves**

- [Control valves - Singer](#)
- [Pinch valves \(manual, air-operated\)](#)
- [All-Rubber Check Valves - Tideflex](#)

**Sensors**

- [Oil Spill Detector - OilSpy](#)
- [Flow Conditioners - VORTAB](#)
- [FlowMeters - FCI \(Thermal Dispersion\)](#)
- [FlowMeters - Accelabar \(Nozzle + Pitot\)](#)
- [FlowSwitches](#)
- [Level Transmitters](#)

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