



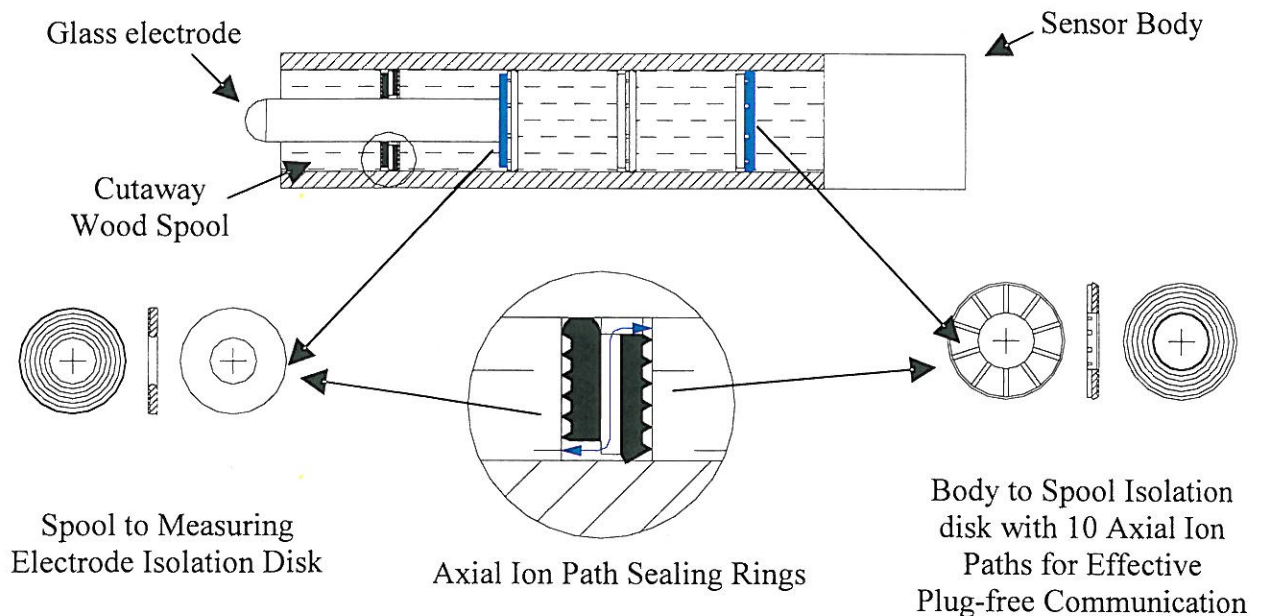
The 3rd Generation pH Sensor from the Same Mind that brought you the first 2.

**BARBEN**  
Analyzer Technology, LLC

## *Barben Analyzer Technology, LLC Patented Axial Ion Path Reference Cell*

*All Barben Analyzer pH & ORP sensors use our patented AIP reference cell*

- ◆ *2 to 6 times the total KCl electrolyte of competing sensors*
- ◆ *Axial Ion Pathways prevent poisoning*
- ◆ *Axial Ion Path sealing rings prevent internal plugging and insure against internal leaks*
- ◆ *Glass breakage and leak pathways during manufacture eliminated - no more DOA sensors*
- ◆ *Complete filling of reference body allows extreme temperature and pressure tolerance*
- ◆ *Non-polymerized electrolyte insures compatibility with all chemistries*
- ◆ *Large-area, liquid junction slows the buildup of coatings & reduces sensor "drift"*
- ◆ *Long life in both low and high pH applications*



***Max Temperature 150°C  
Max pressure 2,500 psig  
Sulfide poison resistant  
Oxidizer resistant***

### ***Wetted materials:***

KYNAR, CPVC, PEEK, Polypropylene, Gr2 Titanium, 316 Stainless Steel, porous TEFLON, VITON, EPDM, Kalrez, Nickle, Wood, & Glass. Contact our offices or your local representative to insure chemical compatibility. Internal Seals can be VITON, EPDM, Kalrez which exceeds the epoxy seals used by others that may break down.