



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

BARBEN
Analyzer Technology, LLC

***Hi-performance
4 - electrode
conductivity sensor***

***Available in Quick-change,
Threaded in-line, submersible,
& ball-valve insertion styles***



Features:

High performance 4 - electrode contacting conductivity sensor
Self-compensating for corrosion and scale build-up
Ultra-stable measurement
Installation options - threaded in-line, submersible, quick-change, ball-valve insertion

Sensor types & Transmitter Compatibility:

Available in 3 conductivity ranges:

High (H) 0—1,999,000 microsiemens

Medium (M) 0—1,999 microsiemens

Must be used with BAT Stratos Transmitters

Wetted Materials Include:

Kynar, Teflon, 316 Stainless, CPVC, EPDM, Kalrez, Titanium, Hastelloy

Maximum Pressures & Temperature Ratings:

Max temperature: 140°C

Max pressure: 2,500 psig

See temperature and pressure charts in technical section for complete ratings

800-993-9309

775.883.1194 • 775.882.7900 • fax 775.883.6388 • www.BAT4pH.com • 1701 S. Sutro Terrace • Carson City, NV 89706 USA



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

BARBEN
Analyzer Technology, LLC

| High Performance 4 Electrode Conductivity Sensor | | | | | | | |
|---|---|-----|---|---|-----|---|---|
| B | Kynar body, Stainless Steel 316 measuring electrodes | | | | | | |
| Sealing ring options | | | | | | | |
| E | EPDM | | | | | | |
| K | Kalrez | | | | | | |
| Body Configuration | | | | | | | |
| 551 | Quick-change inline and submersible | | | | | | |
| 546 | Threaded in-line and submersible | | | | | | |
| 547 | Sensor cartridge for insertion and modular systems | | | | | | |
| Measuring range - electrode material | | | | | | | |
| SL | 0 - 200 microsiemens - SS 316 | | | | | | |
| SM | 0 - 1,999 microsiemens - SS 316, 0.0275 cell constant | | | | | | |
| SH | 0 - 1,999,000 microsiemens - SS 316, 0.3727 cell constant | | | | | | |
| HM | 0 - 1,999 microsiemens - Hastelloy C | | | | | | |
| HH | 0 - 1,999,000 microsiemens - Hastelloy C | | | | | | |
| Integral Thermocompensation | | | | | | | |
| K | PT1000 | | | | | | |
| C | PT100 | | | | | | |
| B | 3K Ohm Balco (120°C Max) | | | | | | |
| A | 4.75K Ohm Network | | | | | | |
| X | Other | | | | | | |
| Insertion Depth (for 546 threaded inline only) | | | | | | | |
| S | Standard for 551 / 547 | | | | | | |
| 0.50 | Standard threaded tip relief, overall insertion 546H = 1.0", 546M = 1.25", 546L = 2.0" | | | | | | |
| X | Other depths special order, max 5.0" | | | | | | |
| Cable Configuration | | | | | | | |
| T | 6" Pigtail | | | | | | |
| J | Junction Box, 6" Pigtail | | | | | | |
| 5 | Footage 1 - 5' | | | | | | |
| 20 | Footage 6 - 20' | | | | | | |
| 30 | Footage 21 - 30' | | | | | | |
| 40 | Footage 31 - 40' | | | | | | |
| 75 | Footage 41 - 75' | | | | | | |
| 100 | Footage 76 - 100' | | | | | | |
| Lead Terminations | | | | | | | |
| T | All Tinned | | | | | | |
| S | All Spades #6 | | | | | | |
| B | E | 547 | M | C | 0.5 | T | T |

800.993.9309

775.883.1194 • 775.882.7900 • fax 775.883.6388 • www.BAT4pH.com • 1701 S. Sutro Terrace • Carson City, NV 89706 USA