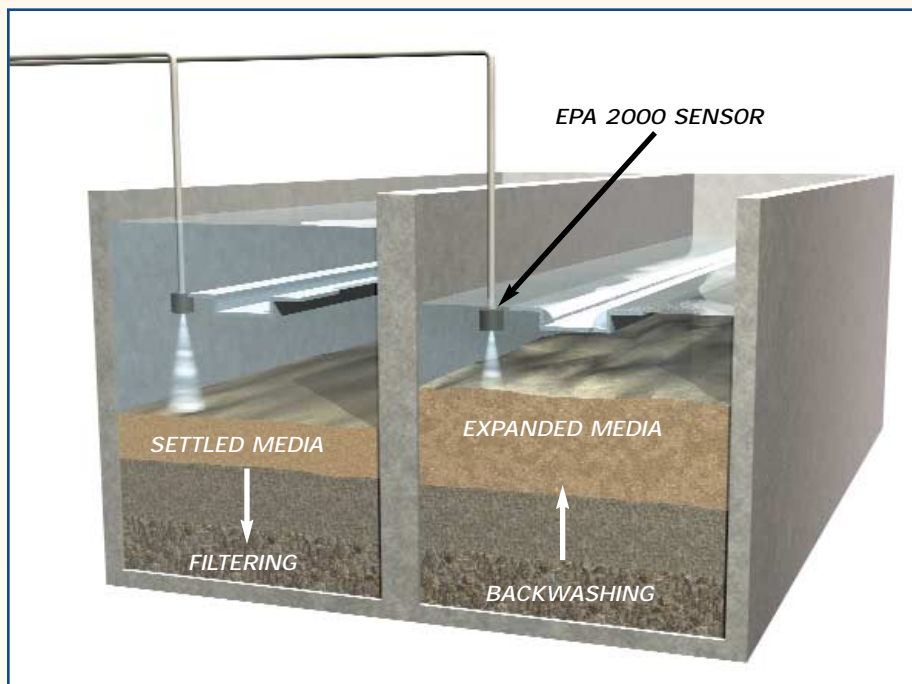


Optimize Filter Cleaning Through *Expansion Pro Analyzer - EPA 2000™*

*Media expansion measurement takes guesswork
out of gravity filter backwashing*

Primary Benefits

- Improve Filter Cleaning
- Extend Filter Run Time
- Reduce Turbidity
- Reduce Media Loss
- Promote Even Media Re-stratification



Measurements:

- Measures media expansion while backwashing filter
- Measures settled media level between backwash cycles

Features:

- Cost effective single & multi-sensor systems
- No moving parts, no maintenance required
- Multi-function LCD & operator control panel
- Simple set-up and operation
- Automatic initialization & calibration

Expansion Pro Analyzer - EPA 2000™

Installation:

- Threaded transducer housings provide simple connection to standard conduit or pipe.
- Mounting brackets and hardware are available for transducers and processors.
- Engineered installation systems fabricated for tanks with special requirements.
- Approvals -
CE, including Low Voltage Directive, Transducers certified to VDE standards for use in Zone 1 hazardous areas are available.

Specifications:

- Measurement Type - single beam, underwater acoustic sensor, 6° full beam.
- Measurement Range - minimum range: 1 ft., maximum range: 328 ft., accuracy: 0.1 ft.
- Distance of Transducer from Processor - 1500 ft.
- Outputs - 4-20mA Current Loop (4), 10 amp contact relays (4), Serial Port for RS232 and RS485 interface.
- Power Requirements - 110/220 VAC, 50/60 Hz, 100 Watts
- Temperature Range - Processor: -40° to +140°F (-40° to +60°C)
Standard Transducer: -40° to +120°F (-40° to +50°C)
- Mechanical -
Processor:
Housing - molded fiberglass polyester, NEMA type 4X, Weight - 8lbs. Size (nominal) -10" x 8" x 6"
Standard Transducer: Material - PVC and epoxy, Weight - 1lb.

Also Available - BinMinder 9300™ Sludge Blanket Level Detector

- Primary, secondary and raw water (alum) clarifiers
- Gravity thickeners and dissolved air flotation thickeners
- Round and rectangular tanks
- Handles surface skimmer and bottom rake
- Cost effective single and multi-sensor systems
- Entech Design, Inc. Brochure No. BMNO998 for complete details

Superior Performance at Industry Leading Low Cost

Represented by:

Corporate Offices

315 South Locust
Denton, Texas 76201
Ph 940-898-1173
Fax 940-382-3242
eMail: entech@entechdesign.com
website: <http://www.blanketlevel.com>

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