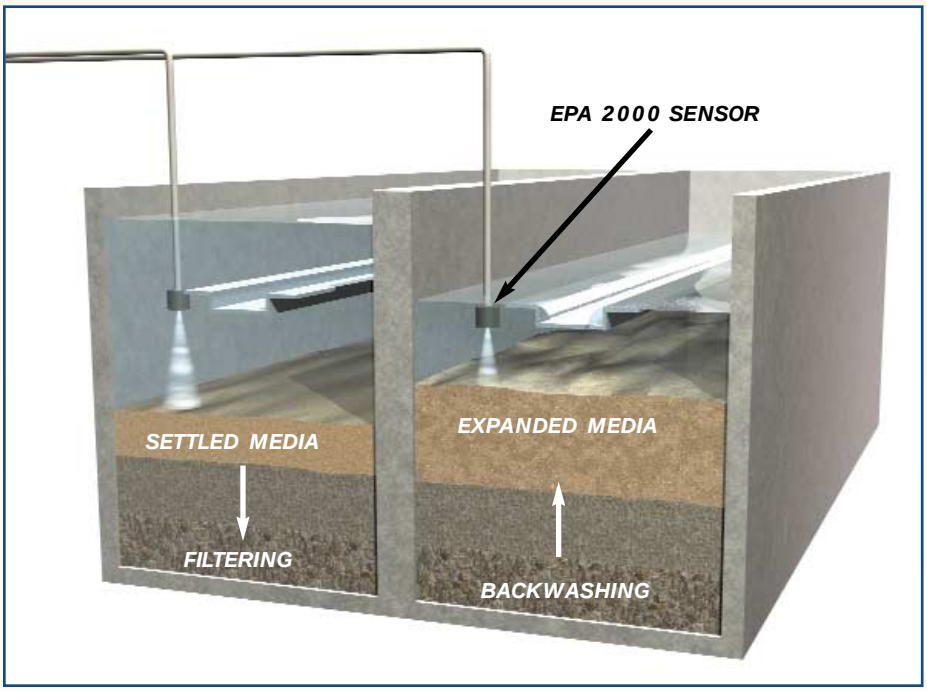
Optimize Filter Cleaning Through *Expansion Pro Analyzer - EPA 2000™*

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.

Superior Performance at Industry Leading Low Cost

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