

# NANOCHEM<sup>®</sup> End-Point Detector

## Features and Benefits

- **Patented fiber optic end-point detector technology**
- New improved optical sensor technology
- Proprietary glass-to-metal sealing using no polymers
- Easy to see analog LED display on sensor
- Available for AC or DC power operation

## Benefits

- Alerts the user that purifier media is approximately 75-82% spent
- Prevents unexpected, costly downtime
- Reduces the risk of depleting the purifier in the middle of a production run
- Analog sensor facilitates on-site calibration

## Specifications

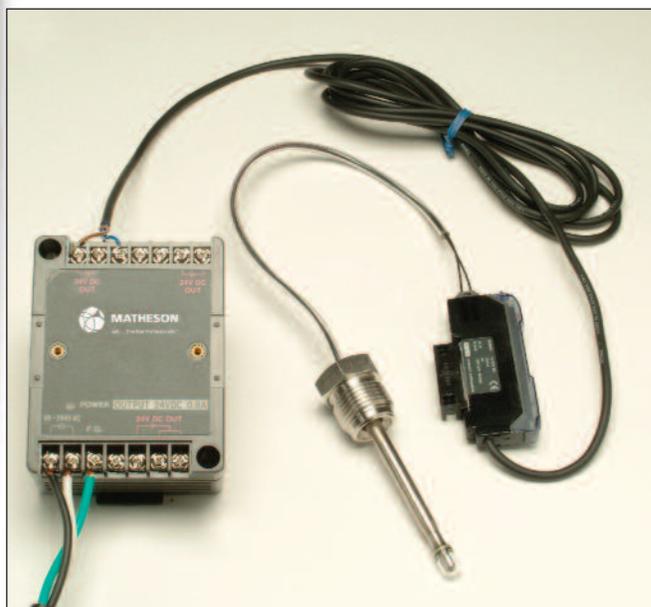
- Pressure rating: 150 psig
- Accepts 12-24 VDC power
- 4 pin AMP CPC 11-4, standard sex connector

## Optional AC Power Supply

- Accepts 110 VAC / 60 Hz
- 3 prong grounded plug
- 4 pin AMP CPC 11-4, reverse sex connector



NANOCHEM<sup>®</sup> DC End-Point Detector Probe and Digital Sensor



NANOCHEM<sup>®</sup> End-Point Detector with AC Power Supply

End-point detection is available for many gases including those listed below

| Gas Type  |
|---|
| Ammonia (NH <sub>3</sub> )                        |
| Argon (Ar)  |
| Butane (C <sub>4</sub> H <sub>10</sub> )          |
| Carbon Tetrafluoride (CF <sub>4</sub> )           |
| Cyclopropane (C <sub>3</sub> H <sub>6</sub> )     |
| Dimethyl Ether (CH <sub>3</sub> ) <sub>2</sub> O  |
| Ethane (C <sub>2</sub> H <sub>6</sub> )           |
| Helium (He)                                       |
| Hexafluoroethane (C <sub>2</sub> F <sub>6</sub> ) |
| Hydrogen (H <sub>2</sub> )                        |
| Krypton (Kr)                                      |
| Methane (CH <sub>4</sub> )                        |
| Neon (Ne)   |
| Nitrogen (N <sub>2</sub> )                        |
| Perfluoropropane (C <sub>3</sub> F <sub>8</sub> ) |
| Propane (C <sub>3</sub> H <sub>8</sub> )          |
| Silane (SiH <sub>4</sub> )                        |
| Sulfur Hexafluoride (SF <sub>6</sub> )            |
| Xenon (Xe)  |

## Equipment Technology Center

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Specifications are subject to change. Please check [www.mathesongas.com](http://www.mathesongas.com) for most current information.

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The Gas Professionals