



# NANOCHEM® 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

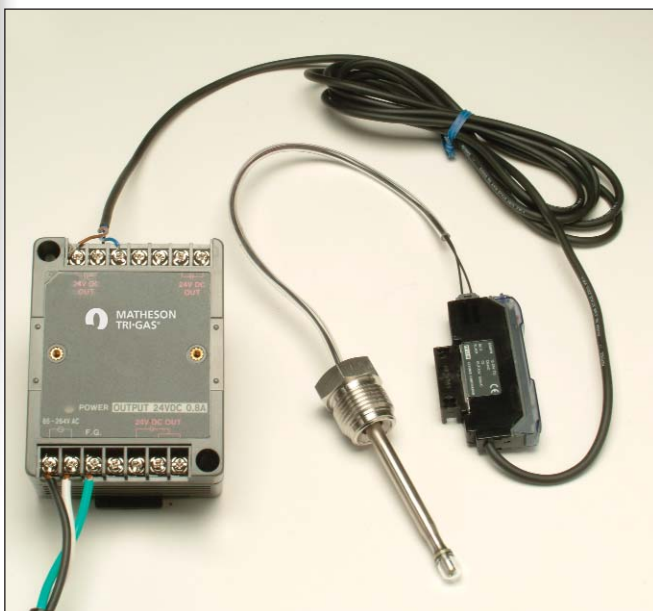
- Pressure rating: 150 psig
- Accepts 12-24 VDC power
- 4 pin AMP CPC 11-4, standard sex connector

## Optional AC Power Supply

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



NANOCHEM® DC End-Point Detector Probe and Digital Sensor



NANOCHEM® 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  
166 Keystone Drive  
Montgomeryville, PA 18936  
Tel: 800-828-4313 • Fax: 215-619-0458  
Email: [Info@matheson-trigas.com](mailto:Info@matheson-trigas.com)

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

MATHESON TRI-GAS and NANOCHEM are registered trademarks of Matheson Tri-Gas, Inc. AMP is a registered trademark of AMP Inc.  
Printed in USA P8028 R5/05



**MATHESON  
TRI-GAS**

ask. . .The Gas Professionals™