

**NEW  
DESIGN**

# 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 LED indicators 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

## Specifications

- DC models can be installed to meet NEC Class 1 Division 1 or Class 1 Division 2 requirements (for flammable gas service)
- Pressure rating: 150 psig
- AC model accepts 90 to 250 VAC at 50/60 Hz
- DC model accepts 10 to 30 VDC

## Connections

- AC model: 2 prong polarized wall plug
- DC model: 4 pin AMP™ CPC 11-4, standard sex

## Options

- DC power supply module suitable for NEC Class 1 Division 2 installations



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

Gas Type	
Ammonia	NH <sub>3</sub>
Argon	Ar
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

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

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