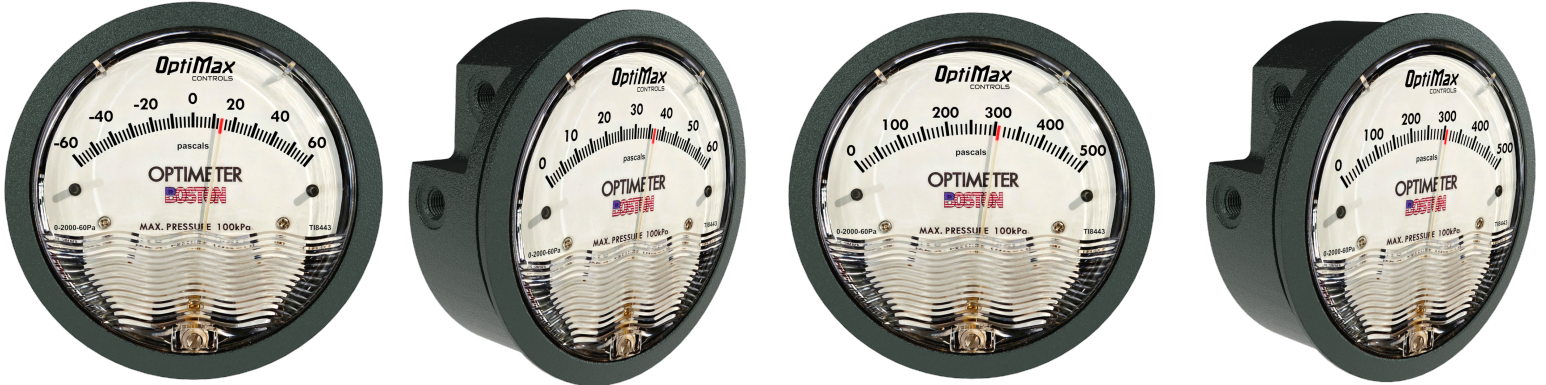


OPTIMAX PresSense Series OPTIMETER DIFFERENTIAL PRESSURE GAUGE OD Model



Optimeter Differential Pressure Gauge *Accurately Indicates Positive, Negative, or Differential Pressure*

The Optimeter Series Differential Pressure Gauges embody excellence in precision measurement, offering accurate readings of positive, negative, or differential pressures. Crafted with meticulous attention to detail and advanced technology, these gauges provide a reliable solution for diverse applications, ensuring optimal performance in every scenario.

Features and Benefits



PRECISION
ACCURACY

Precision Accuracy:

Up to 1% accuracy for critical reliability.



Robust Construction:

Resists shock, vibration, and overpressure for long-term durability.



ABS Housing Option



WIDE RANGE
SELECTION

Wide-range Selection:

60+ models for versatile pressure applications



SLIM
DESIGN

Slim Design:

Ultra-thin, Slim 1.5 in (38.5 mm) flush design for tight spaces.



VERSATILE
APPLICATION

Versatile Application:

Ideal for ducts, filters, clean rooms, hospitals, and more.



POWER-FREE
OPERATION

Power-Free Operation:

Power-free operation for flexible, cost-effective use



WEATHERPROOF
DESIGN

Weatherproof Design:

IP67 protection for reliable performance in harsh conditions.



OPTIONAL
HIGH ACCURACY

Optional High Accuracy:

High-accuracy options for critical applications.



Energy
Efficiency

ASHRAE 90.1 Energy Standard for Buildings

Boosts efficiency via fan and pressure control.

ASHRAE 62.1 Ventilation for Acceptable Indoor Air Quality

Supports IAQ by tracking filter and duct pressure.

Applications



Filter Monitoring:

Detects filter status for timely maintenance.



Duct, Room, Building Pressure:

Monitors duct, room, and building pressures for balanced airflow



Blower Vacuum Monitoring:

Blower vacuum status monitoring.



Fan Pressure Indication:

Indicates fan pressure to optimize performance.



Clean Room Pressure Indication:

Ensures clean room pressure control for contamination prevention.

OPTIMAX PresSense Series OPTIMETER DIFFERENTIAL PRESSURE GAUGE

OD Model

Specifications

| | |
|--------------------|--|
| Service | Air and non-corrosive, non-combustible compatible gases |
| Standard Accuracy | ±2% and up to 1% for high precise measurements |
| Pressure Limits | Suitable for pressures ranging from -0.7 to 1bar (-70 to 100 KPa) |
| Temperature Limits | Operational between 5°F to 140°F (-15°C to 60°C) |
| Housing | Sturdy die-cast aluminum case and bezel with PC cover Optional ABS polymer casing — lightweight, corrosion-resistant, and cost-effective for indoor HVAC applications. |
| Protection | IP67 rated for reliable performance in various environments |
| Size | Compact design with a 4" (101.5mm) diameter dial face and 4-9/16" (115.5mm) diameter opening for flushing mount. |
| Weight | 15.52oz (440g) |
| Connections | 1/8" NPT female high and low pressure taps for easy installation. |
| Mounting | Flush or surface mountable in vertical position for convenience |
| Accessories | Standard accessories included for seamless integration into systems. O-S10, including two 1/8"NPT pipe plugs, two 1/8" NPT to 3/16" rubber tubing adapters and three flushing mounting adapters with screws. |
| Compliance | Meets the technical requirements of EU Directive 2011/65/EU (RoHS II). |

| Model | Range Pa | Model | Range inch wc |
|-------------------------|-------------|--------------------------|---------------|
| OD-N-60NPa** | 10-0-50 | OD-N -00N** | 0.05-0-.2 |
| OD-N -60Pa** | 0-60 | OD-N -00** | 0-.25 |
| OD-N -100Pa* | 0-100 | OD-N -0* | 0-.50 |
| OD-N -125Pa* | 0-125 | OD-N1 | 0-1.0 |
| OD-N -250Pa | 0-250 | OD-N2 | 0-2.0 |
| OD-N -500Pa | 0-500 | OD-N3 | 0-3.0 |
| OD-N -750Pa | 0-750 | OD-N4 | 0-4.0 |
| Model | Range KPa | OD-N5 | 0-5.0 |
| OD-N -1KPa | 0-1 | OD-N6 | 0-6.0 |
| OD-N -1.5KPa | 0-1.5 | OD-N8 | 0-8.0 |
| OD-N -2KPa | 0-2 | OD-N10 | 0-10 |
| OD-N -3KPa | 0-3 | OD-N12 | 0-12 |
| OD-N -4KPa | 0-4 | OD-N15 | 0-15 |
| OD-N -5KPa | 0-5 | OD-N20 | 0-20 |
| OD-N -8KPa | 0-8 | OD-N30 | 0-30 |
| OD-N -10KPa | 0-10 | OD-N40 | 0-40 |
| Model | Range cm wc | Model | Range mm wc |
| OD-N -15CM | 0-15 | OD-N-6MM** | 0-6 |
| OD-N -20CM | 0-20 | OD-N -10MM* | 0-10 |
| OD-N -25CM | 0-25 | OD-N -15MM* | 0-15 |
| OD-N -50CM | 0-50 | OD-N -25MM | 0-25 |
| OD-N -80CM | 0-80 | OD-N -30MM | 0-30 |
| OD-N -100CM | 0-100 | OD-N -50MM | 0-50 |
| Zero Center Range Pa | | OD-N -80MM | 0-80 |
| OD-Z-60Pa** | 30-0-30 | OD-N -100MM | 0-100 |
| OD-Z -120Pa* | 60-0-60 | OD-N -150MM | 0-150 |
| OD-Z -250Pa | 125-0-125 | OD-N -250MM | 0-250 |
| OD-Z -500Pa | 250-0-250 | OD-N -300MM | 0-300 |
| Zero Center Range Kpa | | OD-N -500MM | 0-500 |
| OD-Z -1KPa | .5-0-.5 | Zero Center Rang inch wc | |
| OD-Z -2KPa | 1.0-0-1.0 | O2300-00** | .125-0-.125 |
| Zero Center Range cm wc | | O2300-0* | .25-0-.25 |
| OD-Z -4CM | 2-0-2 | OD-Z1 | .5-0-.5 |
| OD-Z -10CM | 5-0-5 | OD-Z2 | 1-0-1 |
| OD-Z -20CM | 10-0-10 | OD-Z4 | 2-0-2 |
| | | OD-Z10 | 5-0-5 |

USA: California Proposition 65

WARNING: Cancer and Reproductive Harm –
www.P65warnings.ca.gov

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Supersedes New

Stock location Online / Boston