PM-601

Handheld Particle Meter

Features:
- Measures 0 to100,000 μg/m³
- Sensitivity 0.1 μg/m³
- Particle Size Detection 0.1μm to 50 μm
- Four Mass Ranges: TSP standard or PM1.0, PM2.5, PM10 using optional cyclones
- 2 liters per minute (lpm) precision pump flow rate
- Nephelometric laser diode technology
- Rugged design
- Integrated handle for one-handed operation
- Fast response sensor for tracking down particle contamination sources
- Purge Air System
- Internally stores up to 25,000 sample records
- Supplied with GrayWolf's WolfSense® PC software for data download and analysis
- Optional WolfSense ARG Automated Report Generation software
- 1-year warranty

Benefits:
- Broad particle size detection range
- Access to GrayWolf's many advanced features, while adding an important parameter for your GrayWolf AdvancedSense®, WolfSense LAP and GrayWolfLive™ cloud app
- 2 year mfg recommended factory calibration interval and economical recalibration pricing for reduced running cost-of-ownership
- Proven, reliable product
- Easy-to-use

Use the PM-601 as a stand-alone particle meter. Or plug it into a sophisticated AdvancedSense system or into a WIN10 tablet or PC for simultaneous connection with GrayWolf's multi-sensor DirectSense® probes plus remote Wi-Fi access and alerts.

- The nephelometric PM-601 has a very low detection limit, down to 0.1 μm particle size and 0.1 μg/m³ particle concentration.

- Wide particle size detection range 0.1 μm to 50 μm.

- Wide measurement range from 0 to 100,000 μg/m³.

- Export data from the PM-601 to included WolfSense PC download software or to a .csv file.

- When connected to an AdvanceSense Pro meter or WolfSense LAP enabled computer, connect via Wi-Fi to the GrayWolfLive cloud app to remotely review real-time and logged data (as text, tables, graphs or gauges).
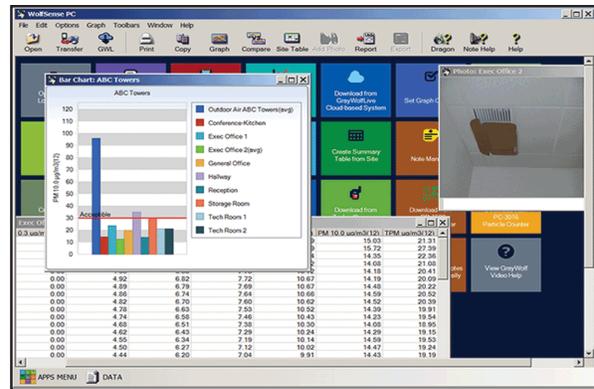
PM-601

Portable Particle Meter

✓ Measure Smart   ✓ Report Efficiently

Access your data remotely via **GrayWolfLive** to your smart device, when the PM-601 is connected to an AdvancedSensePro or WSLAP enabled WIN10 computer

▼

▲ Example
AdvancedSensePro screen
(interface enables GrayWolf's powerful in-situ features for particulate data; audio, photo, text notes, sensor tips, and much more)

Particle Size Detection	Approximately 0.1 micron to 50 micron
Measurement Range	0 to 100,000 µg/m³
Sensitivity	0.1 µg/m³
Optional Size Channels	PM 1.0, PM 2.5, PM 10 with sharp cut cyclones
Pump Type	Brushless diaphragm (20,000 hours)
Flow Rate	2.0 liters per minute +/- 0.1 lpm
Battery Run Time	10+ hours
Light Source	Long life 5mW, 670nm laser diode
Operating Principle	Forward light scatter laser nephelometer
Accuracy*	+/- 5% traceable to standard with 0.54 µm PSL
Display	4 x 20 backlit LCD
Keyboard	6-key membrane type
Battery	14.8V Li-ion battery pack
Battery Recharge Time	2.5 hours
AC Adapter/Charger	100 to 240 VAC 50/60 Hz in-line power supply
Communication Modes	RS232, USB
Optional Comms Mode	Wi-Fi when connected via AdvSPro or WSLAP
Calibration	Recommended minimum of every 2 years
Dimensions	10.8cm high, 18.9cm wide, 8.26cm deep (4.25" x 7.44" x 3.25")
Weight	3.7 lb (1.7 kg)
Included Accessories	Purge (zeroing) filter TSP inlet User manual PM-AD-SUSBA-1M USB cable for connection to tablets and PCs WolfSense PC download software AC adapter/battery charger
Optional Accessories	PM-AD-PM601 Serial Cable (to connect to AdvancedSensePro) PM 1.0 Cyclone PM 2.5 Sharp Cut Cyclone PM 10 Sharp Cut Cyclone
Logging	The internal datalogger will store up to 25,000 sample records. View logged data on the PM-601 display or download to included WolfSense PC software. An AdvancedSense meter or WSLAP tablet can log 500,000+ samples when connected.
Sample Time	1, 5, 15, 30 and 60 minutes
Operating Conditions	0°C to +50°C, 0 to 90%RH
Storage Conditions	-20°C to +60°C, 0 to 90%RH
Warranty	1 year

* Note: *The standards used for calibration have accuracy equal to or greater than the instrument tested. These standards are on record and traceable to NIST.* Measurement accuracy requires use of appropriate K-factor for material being measured.

SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT FURTHER NOTICE

◀ Example
WolfSense PC screen data transfer & analysis software
(supplied as standard)

Optional **PCC-PM601** case ▶ holds PM-601, AdvancedSense or tablet, DSII probe and accessories

GRAYWOLF®
SENSING SOLUTIONS

Email: Salesteam@GrayWolfSensing.com

www.GrayWolfSensing.com

GRAYWOLF
SENSING SOLUTIONS