



Applied Physics, Inc.

400 N County Road 2E
Monte Vista, CO 81144 USA

Nano Particle Technology

Cel 1-720-635-3931
Email Sales@AppliedPhysicsUSA.com
Web www.AppliedPhysicsUSA.com

P100 Portable Microbial Air Sampler

Portable Microbial Air Sampler



Versatile Air Sampling Solutions to meet your Monitoring Requirements™



P100 DATA/COMMUNICATION

- Ethernet Port: PC Communication for Single or Multi-Unit Operation via Network (optional), and Data Output to Optional Printer
- USB Port: Calibration, Data Retrieval via USB Drive, or PC
- User Selectable Parameters: Sample Rate, Sample Time or Volume, Delay/Test/Hold, Time Base, Date Format, User ID, etc.
- Sample Run Memory (500 Runs) – Critical Sample Run Parameters Captured
- Run Data Output to Printer, USB, or PC
- Data Control through System Admin/User ID Control (Part 11 Compliant)
- Site Description Entry/Maintenance/Capture

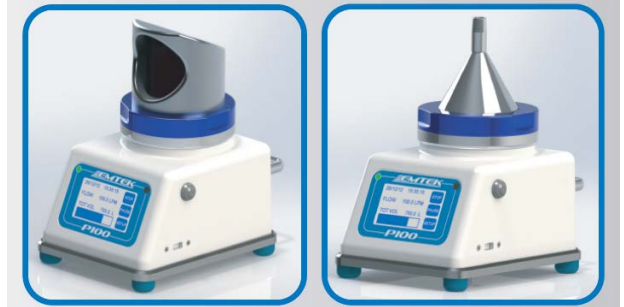
P100 OPTIONS/ACCESSORIES

- Portable/Handheld Thermal Paper/Label Printer (& Label, Paper Rolls)
- PC Software for Single/Multi Unit Control
- Directional Sample Inlet for Horizontal Flow Sampling (Below Left)
- Compressed Air/Gas Sampling Inlet (Below Right)
- Custom Component Carrying Case
- Calibration Kit/Software

P100 GENERAL SPECIFICATIONS

- Controlled Sample Rates of 28.3 and 100 LPM
- Long Battery Life: >12 Hours (at 28.3 LPM)
- Dimensions: 7.5" L x 5.5" W x 6" H / Weight: <4 Lbs
- LCD View Screen w/Touch Screen Interface
- Inlet Cover: 300 Holes (appropriately sized for 28.3 or 100 LPM)
- Enclosure: Kydex® with Microban® (anti-microbial protection)
- Inlet Cover/Base & Enclosure Base/Handle: Anodized Aluminum
- Infrared Remote Control (start/stop/pause/resume)
- Adjustable Test Plate/Media Stage (set inlet to test plate gap)
- HEPA Filtered Exhaust (w/remote exhaust tubing option)
- Tripod Mount Threading (1/4-20)

P100 is an EMTEK trademark, EMTEK, LLC, Longmont, CO



P100 Accessories

P100 provides **Registered Modbus Mapping** to the TSI drivers of TSI™ FMS software. This provides substantial data logging software and P100 control from FMS. The P100 is an ideal device to use along side TSI's total air particulate monitoring devices and their FMS system to be able to offer a complete, viable and non-viable monitoring FMS package.



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Bill To: PO Box 186, Monte Vista, CO 81144 USA Ship To: 400 N County Road 2E, Monte Vista, CO 81144 USA