



AMS[®]
Analitica
Air Monitoring Systems

ENVIRONMENTAL **MONITORING**
2017

Total suspended particles high volume sampler

- Flow range 120-1400 liters/minute
- Venturi electronic flow control system (ISO-5167)
- High resolution large display LCD backlight RS 232 PC interface and USB port for easy
- Sampling period are microprocessor based with standard deviation control and pressure
- Wind velocity and direction connection interface included (no sensors)
- Remote data handling with GSM/GPRS protocols (optional)
- External shelter in anodized aluminium for outdoor applications
- Ambient temperature and barometric pressure detected
- Adapter kit available to convert Puf sampler in high volume PM sampler
- Class protection IP55
- Adapter low ambient temperature kit (Max. -30°C)



Sampling Features

The Air Flow TSP high volume sampler with the new PC electronic board allow the user to view all setting and sampling data for a full compliance sampling status. The following data are available at display in a different screens:

- Selected sampling time (Max 9999 minute)
- Ambient Temperature
- Barometric atmospheric pressure
- Total sampling volume
- Sampling faults (flow or sensor readings)
- Stored sampling data
- Residual sampling time to stop
- Sampler cabinet temperature
- Sampling flow rate
- Total standardized sampling volume
- Wind velocity and direction (with optional sensor installed)

The new microprocessor capabilities allow the user to select and store in the memory up to 3 different programs with sampling settings ready to start. Four different parameters are available on the main screen in a graphic format as Ambient Temperature, Barometric Pressure, Flowrate and Standard Deviation.

Automatic re-start after power shut-off with all data stored in the memory. The high volume AirFlow TSP sampler is a dedicated sampling system to collect particles in a flowrate range to 120-1400 liters per minute. Fully in compliance with all standard methods EPA, the TSP high volume sampler is microprocessor controlled and a Venturi flow measurement system (ISO 5167 Compliance) keep the flowrate constant with a great accuracy.

Technical Specifications

Flow range	120-1400 lit/min
Pump type	Three stage brushless motor
Maintenance period	Up 20.000 hours depending on work conditions
Power source	220/240 V-AC 50 Hz
Power Comps. (Ampere)	15 at start / 4 during sampling procedures
Operative conditions	-5° / +50° (-30°C with heating conditioning system)
Dimensions	120x37x37 cm (H x L x W)
Weight	14 Kg

How to order

600/AFTSP1001K	Air Flow TSP high volume sampler
600/GRMET001K	Wind speed and direction sensor with assembly kit
600/AFPUF1001GSM	GSM/GPRS modem
600/SCS001K	Heating conditioning system (Max. -30°C)
NFS/GF1-8X10-100	Glass Fiber Filter Grade GF1 (Eq.GFA) 20x25 (8x10 inch) Box 100pcs
FAN/MFQ203254	Quartz Filter 8x10 Box 25pcs



AMS[®]
Analitica
Air Monitoring Systems

P.le Coralloni, 12 - 61122 Pesaro (PU) Italia
Phone +39 0721 26243 Fax: +39 0721 26285
www.amsanalitica.com info@amsanalitica.com

AMS Analitica srl
ISO 9001:2008
Quality management system certified

ISO 9001
BUREAU VERITAS
Certification



Authorized Distributor in Pakistan

LABTECH
Tel: 042-36677186-88, 0300-3000347
Email: info@labtech-me.com
Website: www.labtech-me.com