



APM 421



APPLICATION

For intermediate checks/ calibration of Respirable Dust Samplers.

WORKING PRINCIPLE

The APM640 is connected in series to the inlet pipe of RDS as shown in the picture. Pressure readings on the calibrator manometer and flow rate readings on the RDS manometer are taken after inserting each of the five perforated plates/ disks and the calibration factor is calculated after plotting the straight-line curve on the X-Y axis. A stopwatch is also supplied for calibration of time.

NEED

There is the requirement of intermediate checks of the various flow rate measuring devices under QA & QC protocols. Top Loading calibrator Envirotech APM 421 is used for flow rate calibration/ intermediate checks of Respirable dust sampler in the range 0.8 to 1.4 m³ /min.

FEATURES

Calibrator consists of:

- Modular pipe of top-loading calibrator
- Air inlet coupler
- Perforated Plates – 05 Nos.
- Manometer
- Silicon Tubes



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SPECIFICATIONS

Material	Powder-coated anodized Aluminum
Flow Rate Range	0.8 to 1.4 m ³ /min.
Stop Watch	0 – 60 minutes
Manometer	0 – 1000 mm H ₂ O

1 Year Warranty

*Specifications are subject to
change without any prior
notification



For More Information Contact

Envirotech Instruments Pvt. Ltd.

A-271, Okhla Industrial Area, Phase – 1,
New Delhi – 110020, India



+91-011-41026749
+91-9810038803



sales@envirotechindia.com
sales.envirotech@gmail.com



www.envirotechindia.com