



FEATURES

- Ergonomic and compact
- Easy to install and use
- Low noise level

APA 91 Particulate Sampler

The activity concentration of dust and particulates suspended in the air at worksites may be monitored when required. These monitoring operations do not require the permanent installation of an entire measurement channel.

The particulate sampler APA 91 provides the ideal solution for this type of activity by trapping dust and particulate on fixed filter paper

Filtering is carried out in a sampling head, upstream from an internal pump. The sampling head makes it possible to replace filter components rapidly and easily. The APA 91 is equipped with an extremely quiet centrifugal pump. The amount of air filtered is indicated by a volumetric counter.

APPLICATIONS

- Radioprotection of workers

radiation monitoring
systems

A Mirion Technologies Division

Featuring:



PHYSICAL CHARACTERISTICS

- Filter type: 140/110 paper filter
- Nominal flow rate: $3.3 \cdot 10^{-4} \pm 8.33 \cdot 10^{-5} \text{ m}^3/\text{s}$
(20 \pm 5 l/min)

ENVIRONMENTAL CHARACTERISTICS

- Operating temperature: +10°C to +45°C
(+50°F to +113°F)
- Maximum non-destructive operating temperature:
+65°C (149°F)
- Maximum humidity: 90%
- Pressure: 860 to 1060 hPA
- Noise generated by the pump: < 55 dBA at 1 m

MECHANICAL CHARACTERISTICS

- Dimensions: 325 mm x 410 mm x 185 mm (12.7 in x
16.1 in x 7.3 in)
- Weight: ~ 11 kg (~ 24.2 lb)
- Material: stiff and molded thermoplastic
- Pump: centrifugal

ELECTRICAL CHARACTERISTICS

- Power supply: 230 Vac - 50 Hz
- Absorbed intensity: 1 A
- Protection: 2 fuses 5 x 20
- Connector: EEC type

SIGNALING

- Green light for “operate” indication

ACCESSORIES

- Yellow or pink paper filter 140 mm (5.5 in)
- Sampling head adaptor



MIRION
TECHNOLOGIES

Radiation Monitoring Systems
Division

Mirion Technologies (MGPI) SA
BP 1
FR-13113 Lamanon
France

T +33 (0) 4 90 59 59 59
F +33 (0) 4 90 59 55 18

Mirion Technologies (MGPI) Inc
5000 Highlands Parkway
Suite 150
Smyrna, GA 30082
USA

T +1.770.432.2744
F +1.770.432.9179

Mirion Technologies (MGPI H&B) GmbH
Landsberger Strasse 328a
DE-80687 Munich
Germany

T +49 (0) 89515 13-0
F +49 (0) 89515 13 169

www.mirion.com
144818EN-B