

Thermo Partisol 2025i

Sequential Dust Sampler

The Partisol 2025i is a suspended particle sampler. It is used for the collection of PM10 or PM2.5 on 47mm diameter filters at a regulated flow rate of 1 m³ / h to measure the mass concentration of dust.

- ✓ **Rental from one day**
- ✓ **Technical assistance included**
- ✓ **Complies with standards EN 12341 and draft standard prEN15549**



TECHNICAL SPECIFICATIONS

SAMPLE	PM-10 head, independent cut-off of wind speed up to 10 m / s. Optional: PM-2,5, PM-1 or TSP head
FLOW	Adjustable from 5 to 18 l / min
CAPACITY	16 filter cartridges, 47 mm filters
REGULATION VOLUME FLOW RATE	By electronic mass flow controller. Correction of temperature and pressure by internal probes
TOTAL SAMPLE FLOW THROUGH	24h / filter
SAMPLING AUTONOMY	Programmable sampling cycle that can be extended over several weeks
PRECISION	+/- 1% over 1 month
CABINET	Ventilated and heated
FILTRATION BLOCK	Temperature controlled by forced ventilation
COMMUNICATION	RS 232 / USB port
TEST	Automatic leak test
OPERATING TEMP.	-30°C - 50°C (up to -40°C)
POWER	230 VAC
DIMENSIONS	64 x 40 x 79 cm (without head) Head height PM-10: 160 cm min
WEIGHT	46 kg

KEY POINTS

- Automatic filter change
- High precision constant flow sampling
- Cooling of samples by Peltier effect
- Positioning on stand
- Modular platform
- USB data recovery

APPLICATIONS

- Air quality analysis
- Environmental impact studies

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