



## Sequential Module for Dust Sampling

# SENTINEL X

The **Sentinel X** module combined with the atmospherical sampler Charlie, allows the automated and sequential collections of the atmospherical particulate matters on 47 mm diameter filtering membranes, which are contained in appropriate filterholder cassette.

The 16 filter capacity and the particular realization of a removable system, permit the filter recovering and replacing without interrupting the sampling, and so without predeterminating the periods of time of its operation.

The straight route of the suction tube and the separation of the permanence zone of the filters from the internal or radiant source of heat allows gaining and maintaining the integrity of the samples.

Thanks to its reduced dimensions and weight, **Sentinel X** is easy to transport and integrate in the monitoring cabins.



### MAIN CHARACTERISTICS:

- Main Applications:
  - Total Particulate Matter
  - 10, 2.5, 1 micron fractions (PM10, PM2.5, PM1)
  - Heavy Metals
- 16 filtri capacity;
- Reduced dimensions and weight;
- Operation box for outdoor use with IP55 protection grade;
- Fixable to wall;
- Forced ventilation circuit for safeguarding the samples' integrity;

### TECHNICAL CHARACTERISTICS

Used supports	Membrane filter 47mm diam.
Autonomy	16 Filters
Power supply	220 V 50 Hz
Dimensions mm	400 x 250 x 600 mm (b x b x h)
Box	In fire painted steel
Weight Kg	13 Kg
P/N of article	AA99-013-0005SP
Roof crossing kit	AA99-013-9906SP

