

OCCUPATIONAL
HEALTHOUTDOOR
AIR QUALITY

Compliant with:

ISO 10312-2019,
AFNOR X46-010,
OSHA 1910.1001 App B,
EPA 40 CFR
Appendix A to Subpart E of Part 763

Asbesto Sampler

BRAVO ASBESTO

BRAVO ASBESTO is a portable constant adjustable flow sampler dedicated to the sampling of airborne asbestos fibers.

Current legislation provides that in relation to work activities that may entail, for workers exposure to asbestos, such as maintenance, removal of asbestos or asbestos-containing materials, disposal and treatment of related waste, remediation of areas concerned, the employer shall carry out periodically measure the concentration of asbestos fibers in the air of workplace.

BRAVO ASBESTO, thanks to the possibility of adjusting the sampling flow over a wide range, can be used for the sampling of asbestos fibers for subsequent analysis by SEM and for sampling total fibers for subsequent analysis by MOCF, in accordance with AFNOR, ISO, OSHA and US EPA standard.

It is possible to equip the instrument with an optional internal battery, which allows sampling even in the absence of power supply, and a Docking Station to control battery charge and operating parameters even remotely.



APPLICATIONS

- Remediation site
- Ophiolite quarries
- Former asbestos mines
- Waste management plants
- Storage/coverage asbestos site

Retractable handle



GPS Antenna

TECHNICAL SPECIFICATIONS

- ✓ Flow range: from 1 to 25 l/min
- ✓ Flow range (optional): from 0,5 to 55 l/min
- ✓ Measure resolution on-screen: 0,1 l
- ✓ Pump type: single head diaphragm
- ✓ Volumetric counter accuracy $< \pm 1\%$
- ✓ Power supply: 230 VAC – 12 Vdc (optional internal battery)
- ✓ Dimensions*: 47h x 44l x 28w
- ✓ Weight: 12 Kg (without battery)
- ✓ Protection grade: IP65

* Only for models with battery





Downloading data through USB memory

The external case allows the instrument to be decontaminated easily at the end of sampling to avoid the transmission of any fibers.

The instrument can be equipped with an internal battery pack (weight 2 kg) to guarantee 10 hours of continuous operation at 10 l/min. The low weight of the battery pack is due to a last generation LiFePO₄ batteries. The battery charger is internal the instrument.

Autonomy

- ⊗ 10 hours (at 10 l/min) with 12V internal battery (LiFePO₄);
- ⊗ Possibility of connecting an external fan.

Comfort:

- ⊗ Display touch screen 5";
- ⊗ Manual or programmed start-up (up to 10 days of sampling);
- ⊗ Sampling report (duration, sampling volume, date, etc.);
- ⊗ Continuity of sampling even in case of power failure;
- ⊗ Dynamic flow visualization;
- ⊗ Lifetime hour counting of device;
- ⊗ Silent (<50 dB);
- ⊗ Integrated telescopic support;
- ⊗ Lightweight and easily transportable thanks to wheels and pull-out handle.

PRODUCT OPTIONS AND CODES

Description	Codes
Bravo Asbesto	AA99-000-0051SP
Bravo Asbesto with internal battery	AA99-000-0052SP
Bravo Asbesto H (Range: 0,5 - 55 l/min)	AA99-000-0054SP
Sensore OPC - PM ₁₀ , PM _{2,5} , PM ₁ + 24 dimensional classes	AA99-100-0000SP
Docking Station	AA99-200-0000SP

The entire TCR TECORA sampler series is designed to be connected to an innovative automatic control system called Docking Station. Through this system it is possible to recharge the batteries in a "smart way" guaranteeing long battery life based on work cycles; it also makes it possible to control the instrument automatically to check any measurement parameters and carry out a complete diagnostic of the device.