Handheld Breath Sampling Device

VolaTrap®

Breath research within your grasp.



Specifications

Note: Specifications are subject to change without notice.

Category	Specifications
External dimensions	W 78 mm × D 194 mm × H 184 mm
Mass	Approx. 685 g
Power source	Dedicated rechargeable battery (detachable; compatible with dedicated charger)
Collection target	Volatile compounds in breath
Collection volume settings	10-step (0.5 L – 5.0 L)
Collection cycles per charge	Approx. 40 cycles (when fully charged and set to collect 1.0 L)
Number of collection tubes	2 (required)
Dimensions of compatible collection tubes	3.5” × 1/4” (89 mm × Φ6.35 mm)
Compatible analytical equipment	TD-GC-MS
Consumables	Mouthpiece, nose clip, filter, collection tubes

Features

High reproducibility
Quantitative collection independent of the operator.

Simultaneous duplicates
Both collection tubes trap sample simultaneously.

Convenient operation
No training required, integrates into your existing setup.

Workflow

01 Sampling
The user exhales into the mouthpiece and the VolaTrap collects the desired volume of breath sample.

02 Trapping
The volatile compounds contained in the breath are trapped in the collection tubes.

03 Transport
The collection tubes can be safely transported without refrigeration to the laboratory without sample degradation.

04 Analysis
TD-GC-MS analyses breath sample with high precision.

Portion of workflow handled by the VolaTrap®

We would be happy to answer your questions or provide a quotation.

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