

Automatic isokinetic sampler

ISOSTACK G4

USB

Main characteristics:

- In accordance with UNI EN 13284, EN 10169 and US EPA M5, M17.
- Fast isokinetic control at any stack condition.
- Volume measurement with dry gas meter.
- Sampling flow measurement with mass flow meter.
- In-stack temperature and velocity measurement.
- Autotest and anomalies management.
- **USB** interface to download data.
- Wide **Graphic Display**.
- High precision pressure calibrator, with thermal drift compensation device.
- **Wide library** with specifications of the most common ducts.
- **Datalogger** function with saving data on USB key (supplied with the instrument).
- Graphic interface highly intuitive and simple.
- Internal memory capability: up to 256 report.
- Reduced maintenance.
- Available with ISO 17025 accredited laboratory certificate.

With Isostack G4 TCR Tecora introduces the 4th generation isokinetic sampler.

It is the result of a long tradition of isokinetic sampler, started in '80s with Isostack B6.

The solution offered with this new instrument can be summarized in 3 main characteristics:

- Easy to use
- Reliability
- Accuracy/Sampling quality (QA/QC)

Easy to use

Isostack G4 offers two different configuration to meet different type of use.

It is available in a "all in one" and in a "split" version.

The first is dedicated to those who wish to reduce the costs and have the most portability.

The second, will appeal to those who wish to have only the control panel on the stack platform, and leave the pump unit at ground level.

Probes and filter heating now managed directly from the integrated electronics of the instrument.

New functionalities of the software allow to manage the sampling in an easy and intuitive manner.



Isostack G4 split version

New utilities:

- auto check at starting;
- leak test in line during sampling;
- calculation for MSS1 impactor;
- ducts' library;
- log measurements and alarms;
- automatic re-start in case of flue gas velocity alarm.

Reduction of cables and connections toward probes and other devices: a single umbilical cable includes the cables for the heated uses.

Portability and sturdiness empowered through a steel and aluminium frame and ABS panels.

Sampling flow even more flexible with 4 - 8 mc/h pumps.