TCR TECORA®
POLLUTION CHECK

OCCUPATIONAL HEALTH

Asbestos Constant Flow Sampler
Mini DELTA X

Mini DELTA X is the new portable constant flow sampler developed and built by **TCR TECORA®**.

Thanks to work on adapting to specific new applications and technological redesign, the R&D division (environmental-research.tcr-tecora.com) has introduced many features in the new **Mini DELTA X** version that make it an even more responsive working tool to the needs expressed by its customers.

Mini DELTA X is a constant flow sampler and can work in a wide range, the flow can be adjusted from a minimum value of 50 cc/min (option - standard 1 l/min) to a maximum value of 20 l/min in the single sampling line version and up to 45 l/min in the dual line version (**Mini DELTA X DUO**).

The Sampler can be set with flow and time or volume and flow (as the standards require).

The **Mini DELTA X DUO** can simultaneously handle two single sampling lines with flow up to 20 l/min per single line. In case a higher flow rate is needed, the maximum flow rate of 40 l/min can be achieved using a single sampling line.

1,85m

26,0 cm

28,40 cm

22,30 cm

Main Features

- Single or Double line sampler;
- Standard Flow: range 1-20 lt/min;
- Extended Flow: range 0.05 -20 lt/min;
- Programmable start/stop time with delay feature;
- Colour Display 5" touch screen;
- USB port to download data;
- Flow calibration by the user with special sw feature;
- Calibration traceability on the memory;
- Easily washable, decontaminable

- Possibility to store up to 1500 samplings;
- Lithium-ion battery (option);
- Optical particle counter 24 classes (option);
- Real time PM10 - PM2,5 - PM1 (option);
- Weight: 4 Kg single line version, 9.5 Kg double line version;
- Suitable for a wide range of indoor/ outdoor applications;
- Powered by 230Vac or external battery : Single Line12Vdc - Double Lines 24 Vdc.

Display Touch Screen

BY-pass Valve

USB Data Download

PM Analizer

Main Fuse

Power Switch

INNOVATION MADE IN ITALY

1

Mini **DELTA X**

Technical Features

Mini Delta X	
Power Supply single lines	230 Vac - 12 Vdc
Power Supply double lines	230 Vac - 24 Vdc
Weight S - D	4 Kg single - 10 Kg double
Flow Range Single Line	2-20 l/min (0.05 - 20 l/min option)
Flow Range Double Lines	2-22 + 2-22 l/min (opt low flow)
Display	Touch screen 5"
Membrane Keyboard	5 buttons
Memory	Up to 1500 reports
IP rate	IP 55
Data Download	USB flash (opt modem-wifi)
Case	ABS
Panel Connection	Rear - colours identification
Filter support	Single column + hand
Calibration traceability	Log of users/admin calibration

Options and Accessories

Internal Battery LifePO4 Long Life - available IN for external battery.

External fan for fibers dispersion Software allows complete management of external fan.

Real time Graphs, PM values with PM sensors it is possible to program a limit for PM value to start the sampling.

Sonic wind sensor software, allows sampling according to W-speed and direction.

Modem available for remote complete control TCR Tecora APP for mobile or desktop connection.

Single or double sampling line for multi sampling L1 + L2 up to a flow of 40 l/min.

IP55, entirely washable protection filter on the inlet port.

Reference Codes

Mini Delta X (single line) Automatic flow regulation	AC99-004-0135SP
Mini Delta X DUO (2 lines) Automatic flow regulation of double lines	AC99-004-0139SP
Mini Delta X Basic (1 line) Battery pack and charger included - flow regulated with external flowmeter (not included)	AC99-004-0136SP
Monopod + Hand clamp	AC99-004-0160SP
Sonic wind sensor	AC99-004-0180SP
Internal OPC PM sensor (24 channels)	AC99-004-0145SP
External OPC PM sensor (Mini Delta X Duo-long distance)	AC99-004-0500SP
External Battery for Mini Delta X DUO (24 Vdc)	AC99-004-0150SP
Internal Battery for Mini Delta X (12Vdc)	AC99-004-0151SP
External Battery for Mini Delta X (12Vdc)	AC99-004-0137SP

Flow Settings

1 Mini DELTA X Basic

Manual Flow regulation (external flow meter)

2 Mini DELTA X

Automatic Flow Regulation

3 Mini DELTA X Duo

Automatic Flow Regulation