

4WAYS

Sampler

Portable & automatic multi tubes air sampler
(4 channels)



SCAN or CLICK ME



Applications

Public buildings occupational exposure
verification
Industrial hygiene measurement
Chambers tests studies
Material emissions quantification



Chromatotec® specializes in VOC, sulfur and permanent gas analysis at trace and ultra-trace levels (ppm, ppb, ppt).
Please visit our website for more details.

4WAYS

Portable & automatic multi tubes air sampler (4 channels)



Principle

4WAYS is a portable serial automatic air sampler which allows to programm sampling sequences with fast implementation in every environment. Temperature and relative humidity monitoring.

Advantages

- Field portable
- Easy to use
- Labour saving
- No maintenance
- Ideal for VOCs indoor air sampling (according to standards)
- Secured samples
- Smart embedded software

User friendly

- Compact size and low weight
- Deployment in less than 5 minutes
- Powered by mains or battery
- Air inlet quick external connectors
- Integrated circuit purge to clean the system
- External 7 µm particulate air filter

Samples programming, monitoring & data logging

- Color touch screen
- Sequentially samples on up to 4 channels
- Independent sampling programming for each channel allowing unattended operations: date, time, duration and flow rate
- Temperature & relative humidity monitoring during sampling process
- Data logging for quality control

Options

- Spanner for the particle filter
- Printed manual
- Sorbent tube can be composed by different materials depending on targeted compounds.
- Thermal desorber to connect to Chromatotec AutoGC
- Annual calibration MFC.
- 4 Ways start from external relay
- Remote control possible (AO/DO)

Name:

4WAYS

Model:

4WAYS

Product technical specifications

Sampling (internal sampling pump included):

- Flow rate range : 0 - 2000 mL.min⁻¹ / (Others range on request: 0 - 500 mL.min⁻¹; 0 - 1000 mL.min⁻¹)
- Flow rate accuracy : ±1% of Full Scale
- Flow rate uncertainty : ±0.3% of Reading
- Number of channels : 4, selection by valve system
- Sampling time : Independently programmable on 4 channels
- Tube type : Thermodesorption and/or solvent desorption tube
- Sample conditions : RH: 20 - 80%; T: 2 - 40°C; Atmospheric pressure
- Sensor : Temperature resolution: 0.1°C / Relative humidity resolution: 1%

Instrument supply

- Power supply : Input 100 - 240V ±10%; 1.8 A max; 50 - 60 Hz / Output 24V; 2.7A max
- Battery life : Lithium-Ion / Autonomy 8h in sampling mode and one week in stand-by mode
- Power consumption : 65W max

General

- 40.5×33.0×17.0 cm
- 9 kg including battery and accessories
- Operational conditions : 2 - 40°C / 20 - 80% RH
- Storage conditions : -10°C - +60°C / 0 - 85% RH
- Display : 5.7" TFT display; resolution 320 x 240; integrated touchscreen

Software & communication

- Embedded software: Sample setting (date & time, duration, flow rate) / Sample launching and monitoring / Defects and maintenance management
- Data saving
- USB : Data transfer (flow rate, temperature, relative humidity for each sample)

Mobility and accessories

- Carrier case with handle and integrated pre-cut foam for accessories

Kit Contents

- 1 x 4WAYS sampler & integrated battery &
- pre-cut foam for accessories
- 1 x Protection foam
- 1 x AC adapter & cable
- 4 x DNPH tubes SeP Pak WATERS® adaptors
- 1 x Mounted particle filter with strainer
- 2 x Quick connectors
- 1 x Teflon sampling line
- 1 x Quick start guide
- 1 x Certificate of inspection
- 1 x USB stick with instruction manual
- Internal sampling pump

Chromatotec® is continuously improving its products, therefore these specifications are subject to change without notice

To contact us: sales@chromatotec.com

NORTH AMERICA
Houston - USA

EUROPE
Bordeaux - FRANCE

ASIA
Beijing - CHINA