



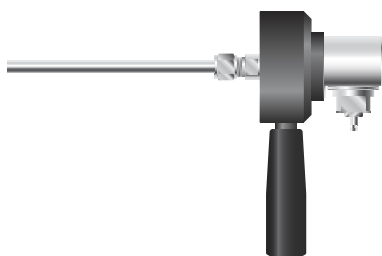
## Portable Dynamic Dilution Sampler

# DDS Dynamic Dilution Sampler for VOC emission sampling

### Main Characteristics:

- In accordance with EN 13649 norms
- Multistage protection trap on sampled air
- Multistage filter on dilution air
- Integrated dry gas meter within  $\pm 2\%$  uncertainty
- Flow rate range between 0.15 - 1.2 l/min
- Dilution rate stability within 5%

### DDS/EG Sampling probe



DDS sampler can be used with a sampling probe for gaseous compounds.

For further information, please see **Product Data 1.004.02**

### Dilution sampler

DDS system assembles in a single rack the sampler and the dilution unit. It is supplied by an internal rechargeable battery with a 7 hours autonomy.

DDS is equipped with a membrane pump, a precision flowmeter and a dry gas meter.

The two streams are regulated independently, so the dilution ratio should be changed to satisfy different stack condition.

The temperatures inside the dry gas meter are read with 2 digital thermometers.



A multistage protection trap shields the instrument from damages caused by accidental liquid aspiration.

A multistage filter on dilution air remove any kind of particulate and organic pollutants.

### Technical Characteristics:

<b>Sampling line:</b>	
Flow rate range	from 0.15 to 1.2 l/min
Pump type	Membrane
Dry Gas Meter uncertainty	+/- 2% with associate temperature
Flow adjust flowmeter	range from 0.1 to 1.2 l/min
<b>Dilution air generator line:</b>	
Flow rate range	from 0.15 to 1.2 l/min
Pump type	Membrane
Dry Gas Meter uncertainty	+/- 2% with associate temperature
Flow adjust flowmeter	range from 0.1 to 1.2 l/min
Dimensions (b x p x h)	270 x 270 x 300 mm
Weight	10.5 Kg
P/N	AC99-007-0100SP