



Portable Dynamic Dilution Sampler

DDS

Dynamic Dilution Sampler for VOC emission sampling

MAIN FEATURES

- In accordance with EN 13649;
- 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%.

DYNAMIC 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.

DDS/EG Sampling Probe



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

For further information, please see Product Data I.004.02.

TECHNICAL FEATURES

Sampling line:	
Flow rate range	From 0.15 to 1.2 l/min
Pump type	Membrane
Dry gas meter uncertainty	$\pm 2\%$ with associate temperature
Flow adjust flowmeter	Range from 0.1 to 1.2 l/min
Dilution air generator line:	
Flow rate range	From 0.15 to 1.2 l/min
Pump type	Membrane
Dry gas meter uncertainty	$\pm 2\%$ 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

