



SAMPLING
SOLUTIONS

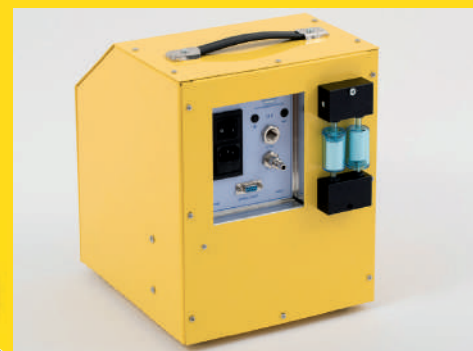
MEGA SYSTEM

CALIBRATION
& METROLOGY

LIFE GAS



- Emission gas sampling
- Constant flow rate
- Data Memory
- Works on mains power and on internal rechargeable batteries



CARE FOR THE
ENVIRONMENT



LIFE GAS

LIFE GAS is designed to perform low emission flow sampling, on various substances, including:

- Solid phase gas adsorption by means of adsorption vials (VOC) in compliance with EN 13649 (used in chimneys with little or no condensation).
- Liquid phase gas adsorption by means of impingers (acids) in compliance with DL 25/08/2000 (Istisan Report 98/2).

Its reduced size and weight, and ability to run on mains or with rechargeable internal batteries, facilitate sampling even in hard to access areas.

MAIN FEATURES

- Polyester keyboard and LCD display for data management.
- Elevated hydraulic diaphragm pump head for sampling at low flow rates.
- Constant flow rate with automatic load loss compensation.
- Mass Flow sensor for automatically setting, adjusting and controlling flow.
- Volumetric counter for measuring the sampled volume as required by current regulations.
- Alarm management and recording.
- Records average temperature and volumes (actual and normalized), at the meter.
- Sampling data storage.
- RS-232 interface for data download to PC.
- Dual power supply: to mains and with internal batteries that guarantee high autonomy (>3h a 0,5 L/min), without battery memory effects.
- Built-in battery charger.

TECHNICAL SPECIFICATIONS

■ Performance	
Type of pump	Double membrane-dual head 8 l/min
Operating range	0,2 ÷ 3 L/min
Volumetric/Resolution/Accuracy meters	G 2,5 / 0,2 L / ±2%
■ Interface, Data Archiving	
Display	Alphanumeric LCD (40x2)
Interface	RS232 (download data to PC)
■ Environmental Conditions	
Working Temperature Range	0 °C ÷ 45 °C - 95% UR
■ Energy	
Mains power	Input 230 Vac – 50 Hz
Battery	Internal, high capacity
Battery charger	Built-in
Consumption	110 W
■ Features	
Weight	6 kg
■ Supplied With	
Technical Manual	
Test report	
■ Options	
EN 17025 certification for dry gas meter	

■ Temperature Sensors	
Range	0 ÷ 50 °C
Resolution	0,1 °C
Accuracy	± 1 °C

■ Flow Sensors	
Range	+4 splm
Response time	1 s
Accuracy	2%