



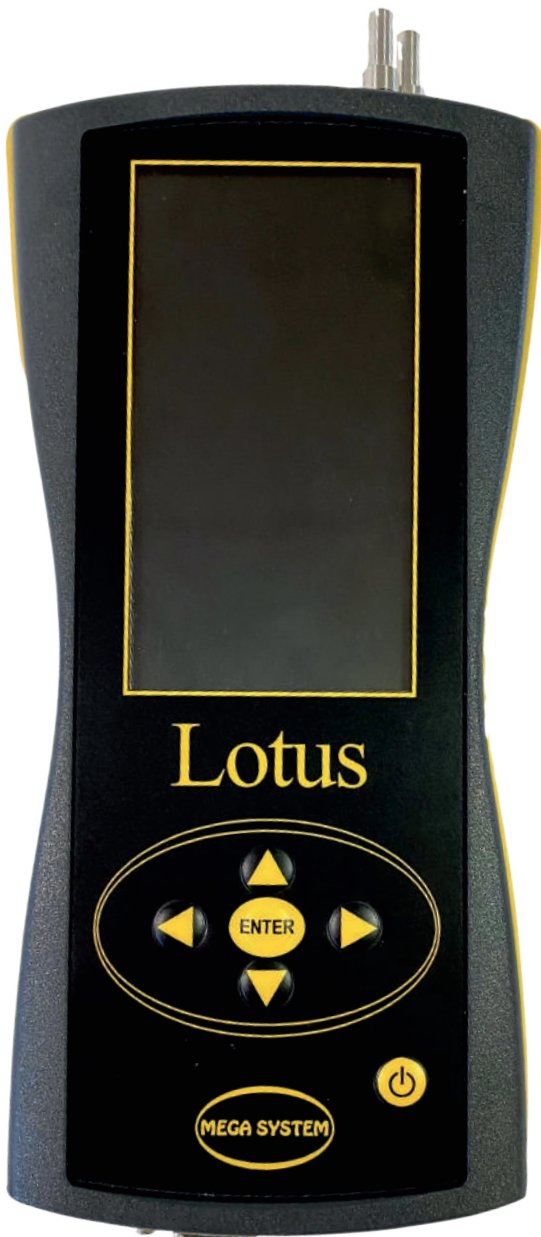
SAMPLING  
SOLUTIONS

MEGA SYSTEM

CALIBRATION  
& METROLOGY

LOTUS

NEW



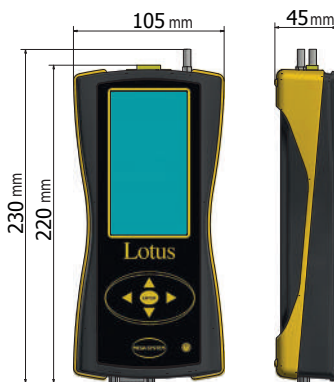
- Compliant with  
UNI EN 15259  
UNI EN ISO  
16911-1  
UNI EN 13284-1  
ISO 9096
- 3 independent pressure  
sensors
- Automatic isokinetic  
sampling with  
LIFETEK and ASTER  
series
- Handheld and graphic  
display
- USB for data download
- Customer, duct,  
samples and inspections  
database
- Long life lithium battery



CARE FOR THE  
ENVIRONMENT



## LOTUS



## TECHNICAL SPECIFICATIONS

<b>Interface, Data archiving</b>	
Display	LCD 4.2"
Keyboard	✓
Interface	USB (via Pen Drive)
	RS232 for automatic isokinetic sampling with LIFETEK and ASTER samplers
<b>Environmental Conditions</b>	
Temperature	0 °C ÷ +45 °C - 95% UR
<b>Energy</b>	
Power supply	Input 230 Vac - 50 Hz Output 12 Vcc - 0,7 A
Battery	Rechargeable internal lithium
Battery charger	Integrated
<b>Characteristics</b>	
Client Memory	✓
Duct Memory	✓
Sample Memory	✓
Inspection Memory	✓
Weight	500 g
<b>Options</b>	
Auxiliary Probes	
<b>Supplied with</b>	
Technical manual	
Test report	

<b>Pressure Sensors</b>			
	Range	Resolution	Accuracy
Differential	0 ÷ 100 mmH <sub>2</sub> O (0 ÷ 1000 Pa)	0,01 mmH <sub>2</sub> O (0,1 Pa)	± 1%
Static	-1000 ÷ 1000 mmH <sub>2</sub> O (-10.000 ÷ 10.000 Pa)	1 mmH <sub>2</sub> O (1 Pa)	± 1%
Barometric	800 ÷ 1100 mbar	0,1 mbar	± 2 mbar
<b>Input temperature signal</b>			
	Range	Resolution	Accuracy
Type K Thermocouple	0 ÷ 1000 °C	0,1 °C	± 1%
Type J Thermocouple	0 ÷ 600 °C	0,1 °C	± 1%
Type T Thermocouple	0 ÷ 400 °C	0,1 °C	± 1%