



# LIFE XMF-Hi Personal Sampler



POLLUTION CONTROL SYSTEMS

The personal samplers LIFE XMF are extremely precise and reliable.

They are conforming to the regulation UNI EN ISO 13137.

Thanks to their accuracy and reliability can be used in different applications among which:

- asbestos fibers
- inhalable fibers
- breathable fibers
- gas adsorbing in solid phase (by the use of adsorbing vials)
- gas adsorbing in liquid phase (by the use of impingers)
- filling bags

Easy to use thanks to a very user friendly interface made of an LCD and only 5 keys for the set of the flow and sampling programming. They are supplied with a BYPASS system which allows to execute lower flow without the use of external accessories.

## MAIN FEATURES

- Membrane pump (dual head) of 8 l/min with high head
- Operative range: 50cc/min ÷ 5 l/min (with captator on the line)
- Digital set of the flow without the necessity of an external flowmeter (precision better than 2%)
- Electronic adjustment and measure of the flow thanks to the extremely precise and reliable MASS FLOW sensor
- Constant flow with automatic compensation of load losses
- Warning light to signal the "flow out of range of 5%"
- Recording of the sampled volume, alarms and temperatures (initial, final and average)
- Automatic lock of the keyboard



- Possibility to set the barometric pressure and reference temperature to execute the calculations of the normalized flow.
- Possibility to display on the LCD the stored data (sampling time, flow, cumulative volume, time, battery state)
- Possibility to record up to 10 flow calibration curves
- Possibility to set and save the user/operator identification
- Powered by battery which allows a high autonomy and without memory effect
- Autonomy greater than 8 (\*) hours with MCE filter 25mm - 0,8 um to 3 l/min
- Battery charger integrated in the instrument with POWER/CHARGE function
- Data memory (150 samplings)
- USB host port to download data on a pen drive
- Dimension and weight: 135x82x56mm - 650g

The instrument is supplied complete with power supply, handbag, shoulder strap, belt, fitting for bags connecting, manual and test report.

(\*) The autonomy may vary depending on the dustiness of the environment in which the sampling is performed



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