



LIFE LT

Personal Sampler

MEGA SYSTEM
s.r.l.

POLLUTION CONTROL SYSTEMS

The personal samplers LIFE LT are extremely precise and reliable.

They are conforming to the regulation UNI EN ISO 13137 and are available in ATEX version [Group II 2 G Eex ib IIA T4].

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

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

With the use of a dry gas meter connected on the "line" they can also be used in a stack for sampling in compliance with the regulations.

Easy to use, they only have an ON-OFF switch and an indicator of the charge and alarm light.

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: 20 cc/min ÷ 6 l/min (with captator on the line)
- Manual set of the flow by the use of an external flowmeter
- Constant flow with automatic compensation of load losses



- Warning light to signal the "flow out of range of 5%
- Powered by battery which allows a high autonomy and without memory effect
- Autonomy greater than 8 (*) hours with MCE filter 25 mm - 0,8 um to 3 l/min
- Battery charger integrated in the instrument with POWER/CHARGE function
- Dimension: 135x82x56mm
- Weight: 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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