

Mlog – Multitool Logger, ORI



WWBPE016



Mlog – Multitool Logger

The Mlog is an economic and robust multi-parameter measuring system for use in ATEX zone 1 (IP67). All measured parameters are logged at freely definable intervals and transmitted wirelessly on request. The Mlog is designed for long-term applications in Ex zone 1 and is powered by a type L1X2-2.4V battery. The connected sensors can be placed in the Ex zone 1.

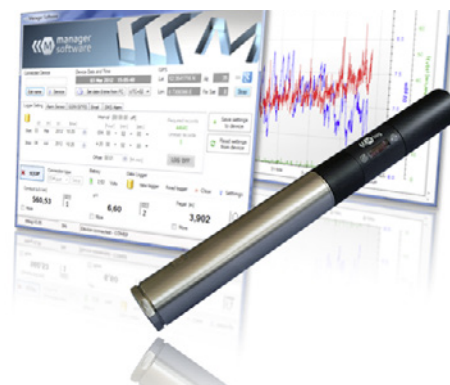
The Mlog is the ideal partner for a wide range of applications from long-term monitoring (e.g. indirect dischargers, storm water tank with overflow, ground water wells) to mobile field measurements. Ideal use for decentralized measuring points - even without an on-site power supply – can also be used as portable measurement system in hazardous environments.

The Mlog uses time-proven Mettler-Toledo ISM® sensors which are easy to use, reliable and low-maintenance due to the intelligent status code (pH, redox, conductivity, O₂, temperature).

An analog measuring device, e.g. radar, ultrasound, pressure, or flow, can be connected via the 4-20 mA input.

Technical data:

ATEX class:	Mlog II 2G Ex d ib IIB T4 Gb
Overall protection class:	IP 67
Dimensions (ØxH); weight:	45 x 390 mm (1.8 in x 15.4"); 2.1 kg (without sensors)
Temperature range:	Battery operation range: -10°C to +40°C Storage temperature: -20°C to +40°C (without battery)
Humidity:	5 – 95%
Electrical specification:	Battery pack 2.4 V DC, 9 Ah
Operating voltage range:	2.3 V DC – 2.8 V DC
Wireless communication:	Bluetooth specification 2.0 VF-Power 7 dBm GSM/GPRS (with M-GSM as an option)
Internal data memory:	8 MB



Article	Order No.
MLog Set 1	10 22 51060

Data logger incl. 9 Ah battery pack, pen, ring key, manager software (for data parameterization and assessment) in a sturdy case

Please order sensors, connection cable and charger separately!

Accessories

Article	Order No.
Battery, 2.4 V / 9 Ah (type L1X2-2.4V)	10 22 55030
Charger ECH1	10 22 55029
Connection cable, Y cable 1.2 m	10 22 55078
ISM extension cable 3.0 m	10 22 55037
ISM extension cable 7.0 m	10 22 55036
Protective guard for 2 ISM sensors	10 22 51081
Protective cover for MLog	10 22 51102
MGSM modem	10 22 51029
MLog modem cable 30 cm	10 22 55075
GSM cable antenna	10 22 50102

ISM electrodes

Article	Order No.
InPro4260/120/Pt100 pH combination electrode (ExII 1/2G EEx ia IIc T6/T5/T4/T3)	10 22 55212
INPro 700i/12/120/4435 LF combination electrode	10 22 53791
InPro 6850i/12/120 ISM oxygen sensor	10 22 55213
EasySense pH 31 pH electrode	10 22 55214
LF sensor easySense Cond 77	10 22 53810
EasySense O2 21-Sensor	10 22 55215
i Link-1-wire BT	10 22 55211

Mobile Bluetooth measuring head with battery for measuring and calibrating the ISM electrodes

