

Metrolog 420MET

4-20mA Data Logger



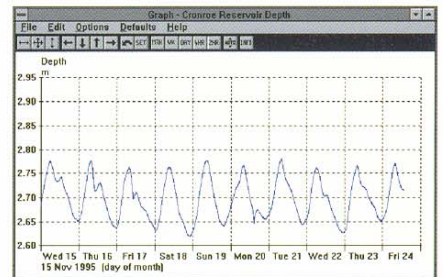
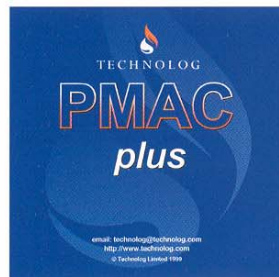
TECHNOLOG

The Metrolog 420MET is designed for water depth and water mains pressure recording. It stores instantaneous measurements on an average of several measurements taken during the logging period.

- Self powered by an internal lithium cell
- No separate battery required to power a 4 - 20mA depth transmitter
- Measurement resolution exceeds 0.02% F.S.
- Accuracy is greater than $\pm 0.1\%$ F.S.
- Light activated LCD
- Compatible with Technolog's communication and configuration software for PCs, Psion Organiser and Workabout
- Optional telephone, modem and radio modules available



Comprehensive data analysis is provided by Technolog's Windows™-based PMAC software.



We can provide complete service, installation and maintenance solutions.



Memory Capacity

143 days depth data recorded at 15 minute intervals
 71 days combined depth and flow data recorded at 15 minute intervals

Connectors	10 way input, 4 way communication serial port, conforming to MIL-C-26482
Supply	Generates flash powered 11 volt supply for transmitters and 4-20mA loop signals. Internally powered by lithium cell - factory replaceable. Battery life - 5 years at a sampling rate of 3 minutes.
Data Storage	Rotating store or store until full.
Recording Interval	Logging rate programmable from 2 seconds to 1 hour.
Measurement Accuracy	Dependent upon accuracy of depth transmitter.
Logger Resolution	Better than 0.02% F.S.
Logger Accuracy	Better than $\pm 0.1\%$ F.S.
Operating Temperature	-10°C to +50°C
Memory	32 kilobyte
Environmental Protection	IP68

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