

Metrolog 420TA

4-20mA Data Logger



TECHNOLOG

The Metrolog 420TA is designed for bore-hole, reservoir and river depth recording. It stores instantaneous measurements or an average of several measurements taken during the logging interval.

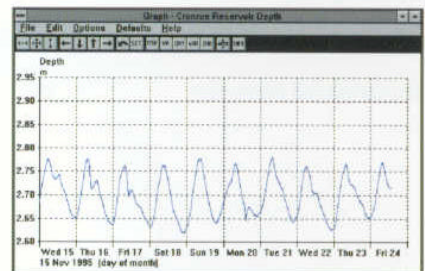
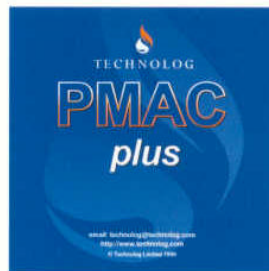


- Self powered by an internal lithium cell
- No separate battery required to power a 4 - 20mA depth transmitter
- Measurement resolution exceeds 0.02% F.S.
- Accuracy is better than +/- 0.1% F.S.
- Compatible with Technolog's communication and configuration software for PCs, Psion Organiser and Workabout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



Optional 4-20mA depth transmitter

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



We can provide complete service, installation and maintenance solutions.



Connectors	4 way input serial port conforming to MIL-C-26482. 2 way flow input terminal block (optional). 3 way terminal block for pressure transmitter or current loop.
Supply	Generates flash powered 11 volt supply to power 4-20mA loop. Internally powered by lithium cell - factory exchangeable. 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 +/- 0.1% F.S.
Operating Temperature	-10°C to +50°C
Memory	32 Kilobyte
Environmental Protection	IP65

Memory Capacity	
Depth recorded at 15 minute intervals	143 days
Depth and flow recorded at 15 minute intervals	71 days

Copyright Technolog 2000. All rights reserved. Specifications subject to change without prior notice.

For further information contact:

Technolog Limited,
Ravenstor Road, Wirksworth,
Matlock, Derbyshire DE4 4FY

Tel: +44 (0) 1629 823611
Fax: +44 (0) 1629 824283
Email: technolog@technolog.com
Internet: www.technolog.com