

Permalog+

*'Lift & Shift' and 'Drive By'
Data Collection via Patroller II*

ENVIRONMENTAL MONITORING

PRESSURE CONTROL

LEAK DETECTION

DATA LOGGING

FLOW MEASUREMENT



KEY BENEFITS

"Lift & Shift" Mode

- Allows rapid deployment and collection of loggers.
- Pre-programmed settings for ease of use.
- Easy data collection.
- No radio interference from other lift and shift loggers.

Drive By Mode (Patroller II)

- Improved drive-by speeds.
- Drive-by with 'Aqualog' mode.
- Full programming and download via radio.
- Download of historical and Aqualog data.
- Improved graphics via PDA with blue tooth link to Patroller II.

Lift & Shift Mode

The Permalog+ "Lift & Shift" mode is designed for use in a rapid deployment mode allowing users to distribute loggers into the distribution systems, quickly identify potential areas of leakage and then re-deploy the loggers into another area.



Either pre-programmed in the factory or by users through the specially designed "lift & shift software the loggers do not transmit stored data via radio until the user swipes the logger with a magnet. There is no radio interference from other "lift & shift loggers" carried in the vehicle and downloaded data is protected.

While logging times and radio transmission modes are preset for ease of use these can be re-configured when required through the software

Drive By Mode with Patroller II

Permalog+ has an improved surveying speed enabling fast radio download of new data, including full noise logging Aqualog graphics where further investigation is required.

The drive by version features a new PDA based blue-tooth Patroller (Patroller II) to enable remote multiple logger programming and download.



For more information call (513) 831-9335
or visit www.fluidconservation.com

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Specification	Permalog +	Patroller II
Dimensions (with aerial)	Market Dependant Varying Sizes for Aerial Used	Market Dependant Varying Sizes for Aerial Used
Dimensions (without aerial) Angle fittings available	Height to Top of TNC: 5" height: 2" width (123mm, height: 50mm width)	Height to Top: 8" x 5.4" x 1.9" (200mm 136mm, depth 48mm)
Weight	700 grams	Interface Unit 650 grams
Type of Battery	Lithium	Rechargeable Lithium ion
Battery Life	Typically 5 years depending on operation	+ 8 hours (car charger supplied)
Charging Time	-	4 hours
IP Rating	IP68	IP54
Type of Screen	-	PDA Based LCD
Size of Screen	-	Depends on PDA
Backlit Screen	-	Yes
Type of Keypad	-	PDA Touch Pad
Carrying Handles	Optional Hook Accessory	Yes, Nylon Carry Strap
Parameters	User Programmable	Printing: Direct to PC



*Full specifications provided on request to Fluid Conservation Systems
FCS reserve the right to change the specification of any product without prior notice.*

Permalog® enables water suppliers to quickly and efficiently locate leaks in the water network. Loggers are deployed in areas of the distribution system to provide continuous monitoring of leakage. Easily installed on pipe fittings, they are retained in place by a strong magnet and are battery-powered for up to 10 years. With over 200,000 loggers deployed worldwide, the effectiveness of Permalog technology has been proven again and again in some of the harshest conditions on earth.



FCS have introduced a useful accessory to support "Lift & Shift" operations. The new Permalog+ Carry Crate has been designed to safely hold and protect up to 20 loggers during transportation from site to site. The loggers fit snugly into a specially designed foam insert at the bottom of the 25 litre crate, thereby offering peace of mind to the driver and ensuring that the loggers remain fully protected until they are removed from the box to be positioned on the pipe. The crate has four easy grip handles to assist with transportation and each crate can be stacked even with the Permalog aerials still attached. Their depth also ensures that sufficient distance remains between the loggers so that they do not reset whilst in transit. Crate dimensions: 1 14.2" x w 14.2" x h 10 "(l 360mm x w 360mm x h 250mm). Crate Weight when empty: 1.4kg

PermaNet (Radio or SMS Repeater) Data Collection

As part of a fixed network Permalog+ can be combined with PermaNet network radio, or SMS repeater, to send leak data daily to the office via dedicated web hosted or local software packages. This gives a powerful system for immediate leakage notification and localisation.

For more information, please view the FCS Data Sheet for PermaNet

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