

TRI-CORR TOUCH

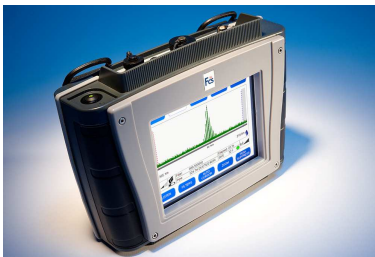
High Performance Correlator

ENVIRONMENTAL MONITORING
PRESSURE CONTROL
LEAK DETECTION
DATA LOGGING
FLOW MEASUREMENT



KEY BENEFITS

- 165mm high-visibility colour VGA Touch Screen.
- Tri-Filter Correlation.
- Precise, accurate leak location.
- Highly intuitive user interface based on minimum key presses.
- Compact, portable design.
- Robust construction.
- Straps on rear to assist handling.
- Rechargeable batteries.
- Weight - 1.9kg
- Anti-glare screen protector.
- Mil-spec connectors
- High Impact PC/ABS Casework
- Sensor Development (d.c.-5000Hz, High V/g)
- Outstation to Basestation range – 1000m LOS.



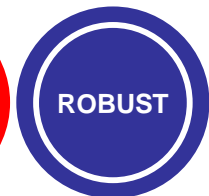
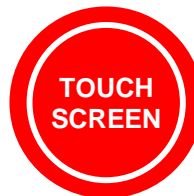
The TriCorr Touch represents a breakthrough in leak detection technology. It features new “best in class” sensors designed to be at least twice as sensitive as anything available on the market today. This enables it to perform well even in traditionally difficult conditions, such as on plastic and large diameter pipes.

TriCorr Touch is the first standalone correlator to feature a high visibility full colour VGA touch screen to greatly improve data entry and the quality of data presentation. The intuitive user interface enables the unit to be operated with the minimum key presses. The large screen, with anti-glare screen protection clearly displays correlation results and supportive information even in bright sunshine.

The tri-filter correlation option performs three correlations at different filter settings simultaneously, which is particularly useful when filter settings (pipe material) is uncertain. When the best filter is seen, the correlation switches to focus on this.

The outstation is compact with high quality long range radio transmission; it also features a magnet to secure onto metallic street furniture. The purpose designed robust case not only carries and protects all components but charges them via mains or vehicle supply. The charge level for all items is available at the touch of a button.

Using our extensive experience of correlator design and manufacture, HWM have created an easy to use system that delivers the best all round performance at a highly competitive price.



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

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CONTROL UNIT

Filter selection	Manual, FFT, Coherence and Tri Filter Correlation. Pipe-data related default settings
Resolution	± 0.1m
Display	High Visibility Full Colour VGA
Antennae	External antenna/magmount
Battery type	Rechargeable Lithium ion batteries, field replaceable
Battery life	7 hours (Rechargeable) in Case
Type of keypad	Touch Screen interface coated with Tuffscreen anti-glare screen protection
Key functions	Tri-Filter Correlation Combined correlation/survey mode Listen (acoustic survey) Frequency analysis Peak suppression User definable pipe types & velocities Intuitive user interface In case charging
Language	Selectable via menu
Operating software	MS Windows-CE embedded.
Printer output	USB to PC software-enabled printing
PC download	Via PC software, Windows-compatible software
Dimensions	Height to Top: 90mm Width: 250mm Depth: 180mm
Weight	1.9kg
Operating temp	-15°C to +50°C
Environment	IP65
Enclosure	High Impact PC/ABS plastic
Connectors	Military specification Amphenol-Type
Diagnostics	Self-test and auto-calibration on power-on

OUTSTATION

Optional 1 or 2 Radio Outstation Systems

Radio Freq.	Local regulations apply
Connections	Headphones, External antenna, Charging
Battery	Rechargeable Lithium ion batteries, field replaceable. 7 hours (Rechargeable)
Antenna	External antenna
Dimensions	L 200mm W 135mm D 50mm
Weight	0.87kg
Environment	IP65
Housing	High-impact PC/ABS plastic
Connectors	Military specification Amphenol

SENSOR

Frequency Response	d.c.- 5000Hz, High V/g
Environment	IP68, rubber shroud for shock protection
Connection	2m/3m/5m cables with strain relief Military spec connector
Hydrophones	Available as option

CASE

Charging	In case charging through mains or 12V vehicle supply. Case indicates charge for all components
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The innovative in case charging facility on the TriCorr Touch allows the base station and outstations to be charged from a single charger while in transit. The case features a display showing push button charging status. Units can be stowed with sensors still connected for faster deployment in the field.



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

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