



Fluid Conservation  
Systems

FLOW MEASUREMENT • DATA LOGGING • LEAK DETECTION • PRESSURE CONTROL • ENVIRONMENTAL MONITORING • AMR • ENERGY MANAGEMENT

# TriCorr Touch

High Performance Correlator

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 on the market today. This enables it to perform well in traditionally difficult conditions, such as on plastic and large diameter pipes.

TriCorr Touch is the first stand alone correlator to feature a high visibility full color 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 at the same time, 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 allows the base station and outstations to be charged from a single power lead, and displays charging status. Units can be stowed with sensors still connected for faster deployment in the field. Using our extensive experience of correlator design and manufacture, FCS have created an easy to use system that delivers the best all round performance at a highly competitive price.



## KEY BENEFITS

- 6.5” high-visibility color 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 - 4.2lb.
- Anti-glare screen protector.
- Mil-spec connectors.
- High Impact PC/ABS Casework.
- Sensor Development (d.c.-5000Hz, High V/g).
- Outstation to base station range - 3000ft LOS.



A HALMA COMPANY

## Fluid Conservation Systems

A Division of FCS-Water Ltd

502 TechneCenter Drive, Suite B, Milford, Ohio 45150 USA

Tel: (513) 831-9335 / (800) 531-5465 Fax: (513) 831-9336

fcsinfo@fluidconservation.com

www.fluidconservation.com





Fluid Conservation CONTROL UNIT  
Systems

• FLOW MEASUREMENT • DATA LOGGING • LEAK DETECTION • PRESSURE CONTROL • ENVIRONMENTAL MONITORING • AMR • ENERGY MANAGEMENT

<b>Filter selection</b>	Manual, FFT, Coherence and Tri Filter Correlation. Pipe-data related default settings
<b>Resolution</b>	4" (± 0.1m)
<b>Display</b>	High Visibility Full Color VGA
<b>Antennae</b>	External antenna/magmount
<b>Battery type</b>	Rechargeable Lithium ion batteries, field replaceable
<b>Battery life</b>	7 hours (Rechargeable) in Case
<b>Type of keypad</b>	Touch Screen interface coated with Tuff screen anti-glare screen protection
<b>Key functions</b>	<ul style="list-style-type: none"> <li>Tri-Filter Correlation</li> <li>Combined correlation/survey mode</li> <li>Listen (acoustic survey)</li> <li>Frequency analysis</li> <li>Peak suppression</li> <li>User definable pipe types &amp; velocities</li> <li>Intuitive user interface</li> <li>In case charging</li> </ul>
<b>Language</b>	Selectable via menu
<b>Operating software</b>	MS Windows-CE embedded.
<b>Printer output</b>	USB to PC software-enabled printing
<b>PC download</b>	Via PC software, Windows-compatible software
<b>Dimensions</b>	Height to Top: 3.5" (90mm), Width: 9.8" (250mm), Depth: 7.1 (180mm)
<b>Weight</b>	4.5lb (1.9kg)
<b>Operating temp</b>	5°F to 122°F (-15°C to +50°C)
<b>Environmental</b>	IP65
<b>Enclosure</b>	High Impact PC/ABS plastic
<b>Connectors</b>	Military specification Amphenol-Type
<b>Diagnostics</b>	Self-test and auto-calibration on power-on

**OUTSTATION**

*Optional 1 or 2 Radio Outstation Systems*

<b>Radio Freq.</b>	Local regulations apply
<b>Connections</b>	Headphones, External antenna, Charging
<b>Battery type</b>	Rechargeable Lithium ion batteries, field replaceable
<b>Battery life</b>	7 hours (Rechargeable)
<b>Antenna</b>	External antenna
<b>Dimensions</b>	L 7.8" (200mm), W 5.3" (135mm), D 2" (50mm)
<b>Weight</b>	1.97lb(0.87kg)
<b>Environment</b>	IP65
<b>Housing</b>	High-impact PC/ABS plastic
<b>Connectors</b>	Military specification Amphenol

**SENSOR**

<b>Frequency Response</b>	d.c.- 5000Hz, High V/g
<b>Environment</b>	IP68, rubber shroud for shock protection
<b>Connection</b>	6ft/10ft/16ft (2m/3m/5m) cables with strain relief Military spec connector
<b>Hydrophones</b>	Available as option

**CASE**

<b>Charging</b>	In case charging through mains or 12V vehicle supply. Case indicates charge for all components
-----------------	--



A HALMA COMPANY

FCS reserves the right to change any product specification without prior notice