



CLEAN WATER



Touch Pro

High Performance Correlator

Touch Pro is a market leading correlator that pin points the location of leaks. It represents an advance in leak detection technology through significant improvements in the leak noise processing path.

This provides improved performance, especially for the most difficult leak detection situations. These advances give the best performance in traditionally difficult conditions, such as on plastic or large diameter pipes.

Touch Pro features a high visibility full colour VGA touch screen to greatly improve data entry and the quality of graphical presentation. The intuitive user interface enables the unit to be operated with a minimum of key presses, whilst the helpful step by step menu system easily guides the user through the correlation process.



Key Features and Benefits

- **Improved results:**
Faster and cleaner correlation results
- **High quality:**
Upgraded long range telemetry
- **AFIS:**
Automatic Filtering intelligence system
- **High graphics:**
Colour VGA Touch screen
- **Simple:**
Easy to use design
- **Portable:**
Compact, portable design
- **Durable:**
Robust construction
- **In case charging:**
Single power lead
- **Resists high impact:**
PC/ABS Casework

Applications

Touch Pro features a high visibility full colour VGA touch screen to greatly improve data entry and the quality of graphical presentation. The intuitive user interface enables the unit to be operated with the minimum key presses and the helpful step by step menu system easily guides the user through the correlation process.

The unique Automated Filtering Intelligence System automatically runs up to 55 different filter combinations on each correlation, checking the quality of the result and optimising the filters until the best result is obtained. AFIS works with both live and pre-recorded correlation data, and makes manual filter setting a thing of the past by effectively building an "expert user" into the unit.

MONITORING ASSETS, DELIVERING DATA, BRINGING CONTROL

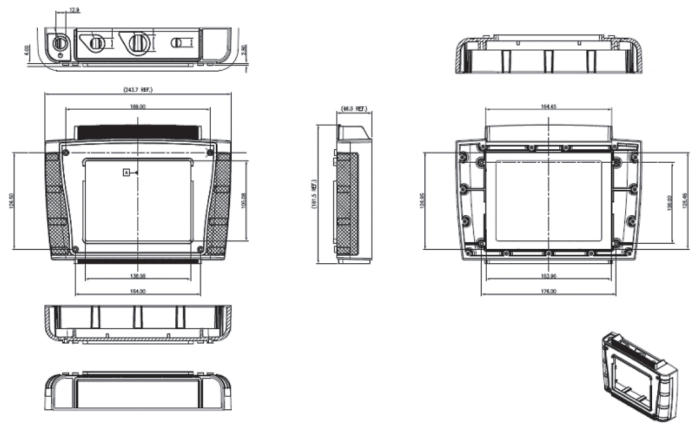
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Control

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 antennae/magmount
Battery Type	12 hours (rechargeable in case)
Battery Life	Rechargeable lithium batteries, field replaceable
Type of keypad	Touch screen interface
Key Functions	<ul style="list-style-type: none"> Enhanced low noise processing Improved radio system, low noise, long range New tuned hydrophone interface Automated filter intelligence (AFIS) 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 Temperature	-15c to +50c
Environmental	IP65
Enclosure	High impact PC /ABS plastic
Connectors	Military specification Amphenol-type
Diagnostics	Self-test and auto-calibration on power-on



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
Headphones	Available option with tunes auto gain Interface

Outstation

Optional 1 or 2 radio outstation systems

Radio Frequency	Local regulations apply
Connections	Headphones, external antenna, charging
Battery type	Rechargeable lithium batteries, field replaceable
Battery life	12 hours (rechargeable)
Antenna	External antenna
Dimensions	L 200mm W 135mm D 50mm
Weight	0.87 kg
Environment	IP65
Housing	High-impact PC/ABS plastic
Connectors	Military specification Amphenol

Case

Digital	In case charging through mains 12V vehicle supply. Case indicates charging for all components
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