

MicroCorr 7

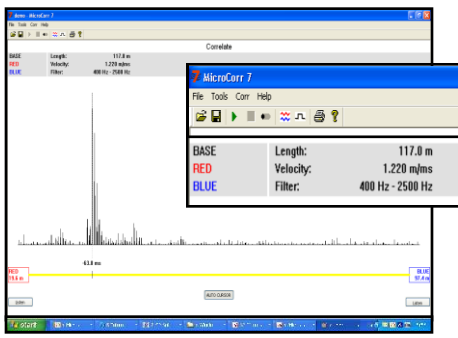
*Low Cost PC/PDA based
leak noise correlator*

ENVIRONMENTAL MONITORING
PRESSURE CONTROL
LEAK DETECTION
DATA LOGGING
FLOW MEASUREMENT



KEY BENEFITS

- High visibility graphics.
- Highly compact and portable.
- Compact outstations for above and below ground deployment.
- High Performance correlation.
- Blue tooth communications from interface to PC/laptop.
- Interface unit belt clip and vehicle mounted.
- All traditional Correlator features.



MicroCorr 7 PC builds on the proven leak detection performance of MicroCorr correlators. The system takes advantage of the latest technological developments for ease of use and miniaturisation.

The PC/PDA interface gives clear graphics and simple touch operation. The compact design brings portability and flexible deployment on site, even installing outstations below ground if necessary. The system comprises high technology sensors, compact transmitter outstations, and an interface unit with blue tooth connection to the PC, Laptop or PDA to optimise versatility.

The PC/PDA can be used anywhere within blue tooth range meaning that often the operator only needs to carry the laptop with interface unit left in the vehicle. Where vehicular access is not possible the interface can be clipped to the belt for total portability.

The system is supplied with two outstations, two accelerometer sensors, interface unit, interconnecting leads, antennae and charger. Various PC/laptop options can be supplied or the user can supply a suitable PC/laptop if preferred. A full range of accessories including hydrophone sensors are available upon request.



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

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FLOW MEASUREMENT DATA LOGGING LEAK DETECTION PRESSURE CONTROL ENVIRONMENTAL MONITORING

Correlation process	FFT	Weight	PDA
Frequency response	D.C. - 5000 Hz	Headphones	Yes
Filters - high pass	8	Volume Control	Yes
Filters - low pass	8	Switchable left/right	Yes
Correlation time	Indefinite	Ruggedised PDA option	Yes
Max time delay	6000 ms	Self test	Yes
Software platform	Windows PDA		
Velocity range	10 - 9990 m/s	Receiver Unit	
Resolution	+/- 0.1m		
Frequency analysis	Yes	Radio receivers	analogue
Mixed materials	6 sections	Aerial	Portable and magmount
Memory stores	Pc/Laptop/PDA limited	Rechargeable battery	12hrs continuous use min
Receive from interface unit	Blue Tooth	12v charge	Yes
Backlight	Yes	Belt mount option	Yes
Coherence Display	Yes		
Radio link	Analogue	Transmitter unit	
Number of outstations	1/2		
Direct input	One channel red / blue	Amplifier frequency range	D.C - 5000 Hz
Battery level indication	Yes	Hydrophone/accelerometer	Both
Field replaceable rechargeable battery	Yes	Integral carry handle	Yes
Battery Charger	12V DC 110/230V AC	Battery life	8 hours min
50/60 Hz notch filter	Yes	LED display	ON/OFF/Charging/Tx
Battery life	12 hours in use min	Radio range	750m min line of sight
Auto shutdown	Yes	Output power	500mW
Auto cursor	Yes	Frequency Analogue	407-490 MHz multiple
Language Options	Multiple	Designation	Red and Blue
Translation	User translate	Auto gain	Yes
Manual cursor	Yes	Manual gain	Yes
Survey mode	Yes	Level indication	Yes
Direct survey to correlation	Yes	Battery type	Re-chargeable
Graph zoom function	Yes	Battery level indication	Yes
Peak suppression	Yes	Field replaceable battery	Yes
Auto velocity selection	Yes	Manual gain	Yes
Velocity Measurement	in + out bracket	Listen feature	Yes
Auto gain	Yes		

FCS reserve the right to change the specification of any product without prior notice.

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