SAVCOR PRODUCTS AUSTRALIA PTY LTD

CATHTECH Hexcorder MM

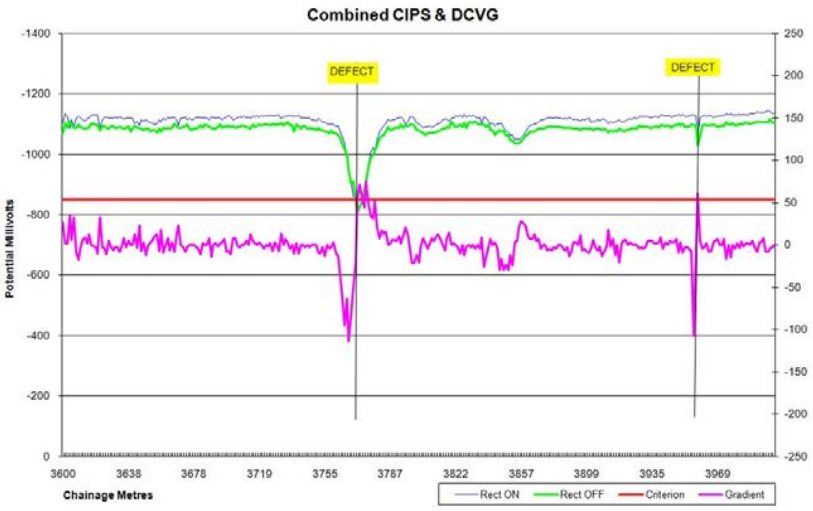
CIPS/DCVG Surveys

Cathodic Protection Test Equipment

CATH-TECH
Corrosion Control Equipment

Features

- Designed for close interval potential surveys (CIPS), direct current voltage gradient surveys (DCVG) or both combined
- Work with interruption cycles as fast as 1 second
- User alarms can be enabled to help ensure data integrity
- GPS location data stored with each reading
- Records chainage, date and time with each reading
- Active AC filter to remove the effect of induced AC
- Reads and stores waveforms
- Comments can be easily entered into the data stream
- Data stored in an ASCII comma delimited text file
  - **No special software required**
  - Easy to import and graph in any standard spreadsheet or database program
- Software upgradeable
- Choice of hip pack or back pack wire dispenser
- Comes complete with all cables, reference electrodes, etc to start surveying, including a spool of wire
- Optional sub-meter GPS precision available
- Optional on-site survey training is available
- Comprehensive 1 year warranty



Benefits

- Can perform three different types of survey at the same time, CIPS, DCVG & Mapping
- All data obtained in the same location with the same weather and soil conditions
- Easy to correlate cathodic protection data with coating integrity data to better prioritise remediation
- Waveforms allow the user to capture electrical interference
- Can also act as a stationary data logger for stray or telluric current studies
- GPS location data can be imported to mapping software

Cathodic Technology Limited
15-1 Marconi Court, Bolton,
Ontario, Canada L7E 1E2

Phone (905) 857-1050
Fax (905) 857-3499

www.cath-tech.com
ctl@cath-tech.com

INTERTEK ISO 9001:2008

All written data and statements herein are provided in good faith and believed to be reliable and appropriate at the time of drafting this document. However it is given without implied or express guarantee. Potential uses are urged to trial and /or conduct conformity test of the product to deem its suitable in application for a particular end use prior to purchase.

Vic/Tas/SA	NSW	QLD/NT	WA
03 9764 2651	02 9807 4542	07 5549 2248	08 6240 3900
melbourne@savcor.com.au	sydney@savcor.com.au	brisbane@savcor.com.au	perth@savcor.com.au

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Included

- Hexcorder MM
- Wire dispenser with one spool of survey wire
- Choice of:
  - Hip pack - short surveys, urban areas 2 km survey wire
  - Back pack - long, across country surveys 16 km survey wire
- 2 x half cell extension poles
- 2 x Cu/CuSO4 half cells
- Carrying strap
- Half cell and wire dispenser cables
- Data logger cable
- GPS magnet mount antenna
- AC charger; 120/240 V AC, 50/60 Hz input
- RS-232 straight through cable
- USB to RS-232 converter
- Rugged carrying case
- Owner's manual

Technical Specification

- Range: +/-5 V DC
- A/D Converter: 14 bit
- Memory Capacity: 1Mb, expandable to 2Mb
- Input Impedance: 10 M ohm or 250 M ohm
- AC Rejection: 100 dB active filter
- Case: Machined aluminium with powder coat
- Dimensions: 21cm x 19cm x 6cm (8" x 7.5" x 2.5")
- Weight: 3.2 kg
- Battery: 7.2V 4.5 amp hour NiMH
- User Interface: 240 x 64 graphic LCD with 40 key QWERTY membrane keypad
- Communications: RS-232
- Carrying Case: Plastic, IP 67 rated 53cm x 45cm x 23cm (21" x 18" x 9")
- Fully integrated 12 satellite WAAS / EGNOS GPS antenna
  - GPS co-ordinates, altitude, PDOP and number of satellites logged with every reading
  - Sub-metre GPS precision available upon request

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