CATH-TECH

Corrosion Control Equipment

Hexcorder MM CIPS / DCVG Surveys



Benefits

- Can perform three different types of survey at the same time, CIPS, DCVG and 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 prioritize 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 into mapping software

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
 - \Rightarrow 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 with <10cm precision available
- Optional on-site survey training is available
- Comprehensive 2 year warranty



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





Hexcorder MM CIPS / DCVG Surveys



Included

- Hexcorder MM
- Wire dispenser with one spool of survey wire
- Choice of:
 - \Rightarrow Hip pack short surveys, urban areas
 - ◆ 2 km (1.25 mile) survey wire
 - \Rightarrow Back pack long, across country surveys • 16 km (10 mile) 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
- **Operation** manual

Technical Specification

- Range:
 - A/D Converter: 14 bit
- Memory Capacity:
- Input Impedance:
- 10 M ohm or 250 M ohm AC Rejection: 100 dB active filter
- Case:
- Dimensions:
- Weight:
- Battery:
- - 240 x 64 graphic LCD with 40 key QWERTY membrane keypad User Interface: **RS-232**

7.2V 4.5 amp hour NiMH

1 Mb, expandable to 2Mb

- Communications:
- Carrying Case: Plastic, IP 67 rated 53cm x 45cm x 23cm (21" x 18" x 9")

Machined aluminum with powder coat

21cm x 19cm x 6cm (8" x 7.5" x 2.5")

Fully integrated 12 satellite WAAS / EGNOS GPS antenna

3.2 kg

+/- 5 V DC

- \Rightarrow GPS co-ordinates, altitude, PDOP and number of satellites logged with every reading
- \Rightarrow Sub-metre GPS with <10cm precision available upon request

Specifications subject to change without notice

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



