

# GPS SYNCHRONIZED SMART DATA LOGGER

Model EPT/SMA-4000



## DESCRIPTION:

Sophisticated GPS Synchronized Data logger equipped with GPS Engine that can accurately measure synchronizing 100 ms after the Rectifier ON and OFF potential. Each reading stamped with GPS coordinates, number of readings and UTC time. By using this information and its graph, the operator will be able to monitor the GPS Synchronization of the Rectifiers interruption, Monitoring Pipeline to soil Potential, GPS Coordinates, stray and telluric correction.

## FEATURES:

- Large 240 X 64 Graphics with back light LCD Display and 28 tactile keys Keypad
- Sampling rate 1- 30 seconds in GPS Sync mode and 1- 64000 seconds in local logging mode
- 12 Satellite GPS Engine visible all around the world. WASS enabled
- 4GB MMC flash Memory, and ability to download information via RS232 port or USB to computer
- EP-TECH Windows base Graph software and ability to work, analyze the data, ability to export to EXCEL
- Ability to work with any other interrupter that use the NACE standard Interruption logic
- High input impedance (2000 Mega ohm)
- LCD Graph option of PSP (Pipe to Soil Potential ) data in field
- Internal independent clock with option to select UTC or local time.
- No interruption, High and Low, and GPS Synchronized logging mode option
- Local Data logger with 4 independent channels equipped with active filters
- Plus with 2 GPS synchronized channels equipped with active filters.
- Rugged Pelican Case
- GPS engine, Nickel Metal Hydride Battery, Universal Battery charger, cables, and manual instruction

“Designed for the field, not the lab”  
Simple, Accurate & Professional



**Electronic Pipeline Technology** - 153 Milos Road, Richmond Hill, Ontario, Canada, L4E 0M8

Tel: (905) 918-0025 Fax: (905) 918-0033 E-mail: [sales@ep-tech.ca](mailto:sales@ep-tech.ca)

[www.ep-tech.ca](http://www.ep-tech.ca)