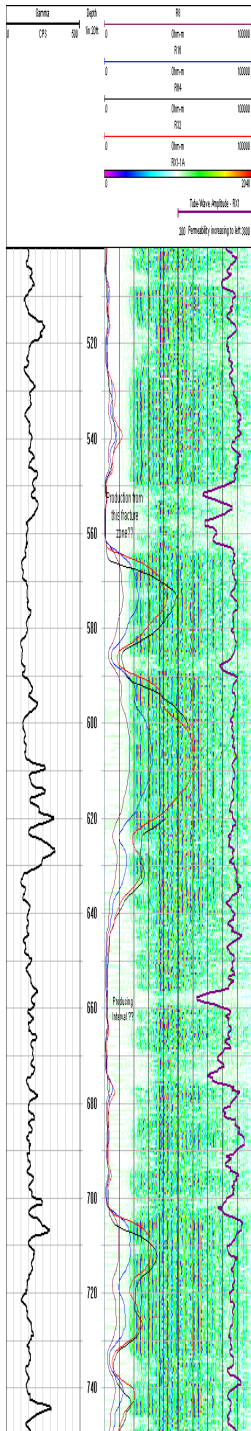


MATRIX Portable Digital Logger



MATRIX - “DSP direct link logger”

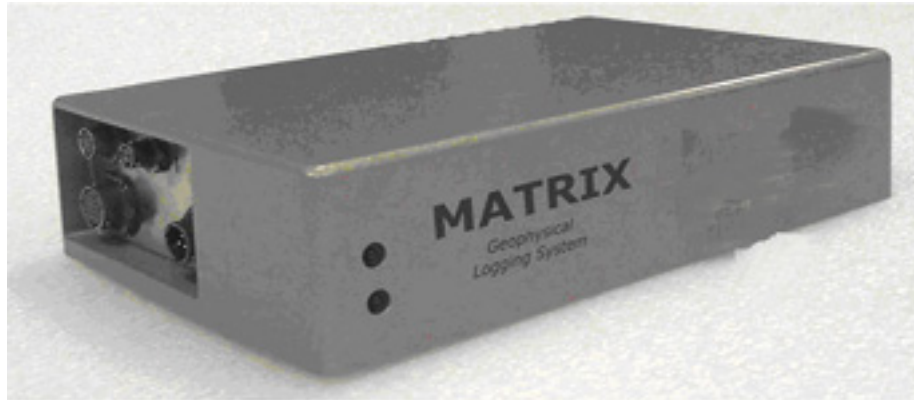
This innovative system makes use of a pair of powerful Digital Signal Processors, which are linked directly to the wireline. Unique algorithms are implemented to recognize telemetry and data formats for a wide variety of downhole logging probes. This same technology is used to supply specialized voltage and current requirements for resistivity measurements, as well as provide automatic recognition of various depth encoder data formats.

Software provides telemetry matching protocol, resulting in an extremely flexible interface for current and future downhole probe types. Custom drivers for specialty probes can be created as needed on a case by case basis.

Specifications:

- **Utilize the latest Digital Signal Processing (DSP) technology with a 1Mb/s 16-bit DSP!** The interface incorporates expansion slots for future developments and upgrades.
- **Compatible with most shaft encoders.**
- **Supports a variety of downhole tools including** from a number of manufacturers.
- **Use any notebook PC with fast USB-2 port. Log high-resolution data 2X faster.**
- **Software controlled**, multi-tasking system that accommodates tasks necessary for maximum data security and ease of operation. Real-time logging conducted at the same time as other tasks, such as data transmission, plotting, log editing and processing.
- **Graphical user interface.** The system is easy to use and conforms to the MS Windows standard. Browsers and processors can be resized and repositioned by the user, including on-screen scrolling log display, real-time printing and numeric data monitors which are standard.
- **Software Features:** Calibrations, Filtering, System setup control, Depth system selection, Data units selection, Real time data monitors, Real time processing, LAS Writer, Improved real time and replay printing on windows compatible printer, New replay control bar, New browser management tool with improved user friendly browser panel.
- **Packaging:** Size: 3.25” (8.25) x 13.125” (33.4 cm) x 8” (20.3 cm), Weight: 4.5 Kg. Also available as standard 19” rack-mount unit.

MATRIX Portable Digital Logger

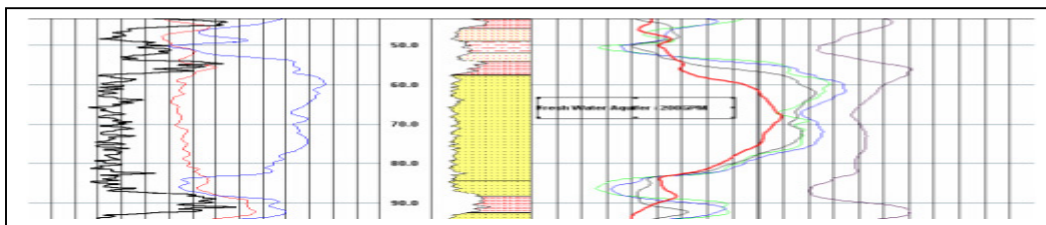


MATRIX Portable Digital Logging System is a proven, ultra-lightweight package which features weather-resistant combined instrument electronics. It can be interfaced with a range of winches for different depth capabilities. Add your own PC or an MSI pre-loaded PC/printer combination and downhole probes to complete the system.

Specifications:

Length:	13.13" (33.4cm)
Width:	8" (20.3cm)
Height:	3.25" (8.25cm)
Weight (in ship case):	4.5 Kg (lbs)

Also available as standard 19" rack-mount unit.



ADVANTAGES

- Removable Matrix Console connects to other winches
- Fast USB2 connection to any Windows PC
- Faster Logging Speeds
- Easy Transport to Remote Logging Sites
- State-of-the-art Innovative **Direct Link** Technology