AXP600F Surface System

AXP 600 series well logging surface products incorporate signal processing, data acquisition, depth, telemetry, down hole power supply, front computer, cable interface and shooting safety into a compact, high reliability 3U standard 19 inch panel. With the help of powerful AXP operation software, operators can easily perform logging project management, calibration, logging , relog, perforation, coring, template setup, data processing, express interpretation, quality control, data exchange and transmission and other field jobs.

AXP600 products can cover open hole, cased hole and other special logging applications.

Configuration

◆ **Embedded depth module**
  -dual channel encoder interface
  -SP, Tension, MMI, hoist control
  -preset, warning, simulation, diagnostic

◆ **Down hole tool power supply**
  -main power 1KW/750V, auxiliary power 800W
  -optional third module: 500W/400VDC
  -software programmable
  -DC/AC (DC/50Hz/60Hz/400Hz inverting)
  -100V~265V@45Hz~65Hz input
  -external power supply interface

◆ **Expansion slots(up to four cards)**
  -users can expand various acquisition cards
  -600K/1Mbps telemetry, 7Km 7 conductors cable
  -300bps~200Kbps, 7Km mono conductor cable
  -Analog and count rate processing

◆ **Front computer**
  -400MHz ARM9, 4.3" TFT LCD
  -WinCE 6.0 Real time OS, 6 menu buttons
  -100Mbps Ethernet

◆ **Control Panel**
  -system, main and auxiliary power switch
  -cable control switch, mode select switch
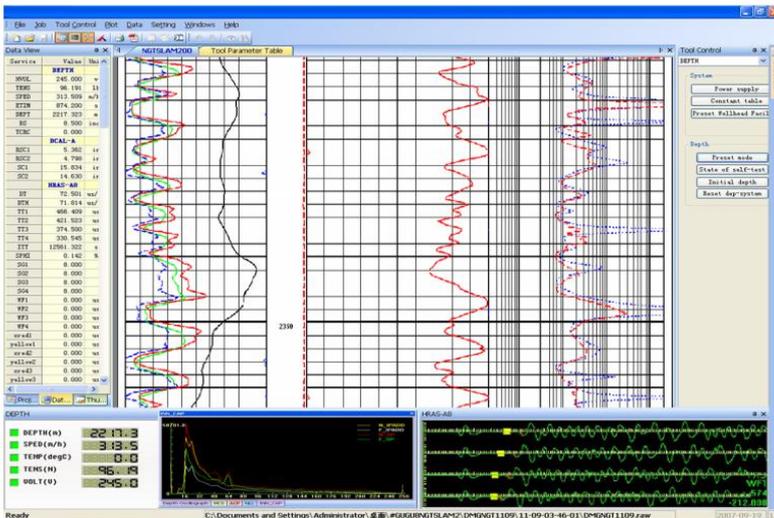 -10 internal, 10 external testing points
  -general purpose adjust knob

Features

◆ **Depth encoder compensation, eliminate cable slip**

◆ **100M Ethernet connection with notebook or industrial computer**

◆ **Compact size, can be configured as portable or rackmount chassis**

◆ **High performance, reliable and portable, easy to maintenance**

◆ **Users can customize expansion cards and functions**

◆ **Express Tool Combo Logging**

◆ **Image Logging**

◆ **Production Logging**

◆ **Formation Testing and VSP**

◆ **Perforating and Coring, LWD**

◆ **3U/4U(H)x 19 inch(W)**

◆ **-20℃～55℃ Fully functional Extended grade available**
  -40℃～85℃ storage

AXP600F Surface System

Software

◆ Running on x86 windows 7/Vista/XP platform

◆ Powerful and robust, 15 year experience

◆ Open structure, users can add tools by themselves

◆ Software oscilloscopes (acoustic, spectrum, etc.)

◆ View data by curves, figures, shapes, tables, etc.

◆ Standard API plot header

◆ Field express interpretation

◆ Multi lingual (English, Chinese, etc.)

◆ Unit transform(metric, imperial, custom)

◆ Multi data exchange formats (LAS, LIS, DLIS, etc.)

◆ Multi format metafile output (PDF, JPEG, BMP, TIFF)

AXP Operation Software
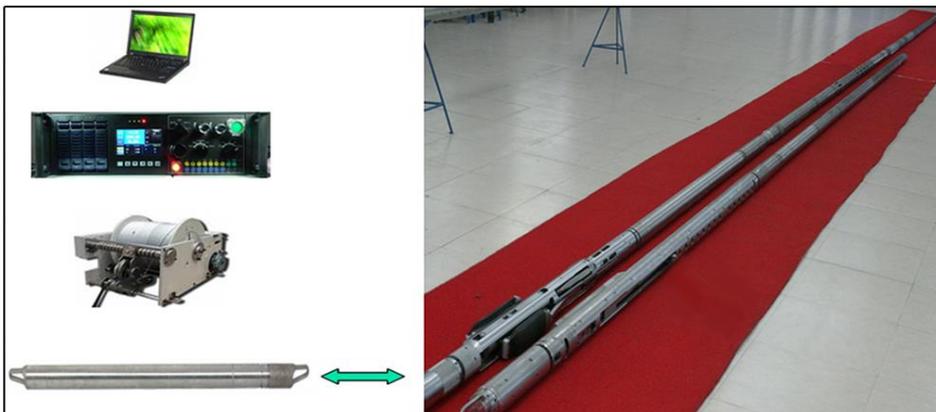
Applications

Cased Hole (AXP600FC)

◆ Production logging tool

◆ Multi-Finger Calipers: 24 / 40 / 56 fingers

◆ UHI (Ultrasonic Hole Image Tool)/EMI

◆ COR, Oxygen Activation Logging, PNLL

◆ CBL/VDL, Sectored Bonding Test

Open Hole (AXP600FE)

◆ GR/SGR/SP

◆ DLL/MSFL/DIFL

◆ CN/Litho - Density

◆ Arrayed Acoustic/ Induction/Lateral Log

◆ Ultrasonic Hole Image/Micro Resistive Image

Special (AXP600FL/T/V)

◆ Perforation, Coring

◆ Formation Test

◆ Testing, storage down hole tools

◆ LWD

◆ VSP

Combo System

Portable System

Arena Petro Ltd.