Well Flow Management

DST-TCP

Shot Detection

Expro's Shot Detection System enables the TCP Specialist to monitor downhole acoustics by attaching to the tubulars at surface. The operator monitors remotely and as such the equipment is EX Zone 1 rated.

The unit uses state of the art technology to process and record the acoustic data, which is stored using a portable recorder. The signal can be monitored and recorded simultaneously, with the recorded signal digitally stored. The equipment is packaged in a small pelican case for ease of transport.

Specifications

H4 Digital Recorder

Recording technology	4 track or stereo
Monitoring	Record while monitoring or monitor on standby
Maximum recording length	1 hour on battery power at max. sampling
Sampling frequency	16,000 Hz (-0.5dB)
Frequency response	44.1 KHz
Recorder weight	.42 lbs 190 grams
Recorder dimensions	2.8 x 6.2 x 1.4
Power	2 AA 1.5V Batteries or 110 Power Adapters
Editing and copying	Edit with ubase LE PC version burn CD-R files
Accessory memory	1 or 2 GB SD memory card

MIcrophone (lavaliere type)

Frequency response	40-20,000Hz
Microphone weight	.1 oz, (2.8 grams)
Microphone dimensions	.98 long x .39 diameter
Power module weight	5.2 oz, (147 grams)
Power module dimensions	3.27 H x 2.48 W x .87 D
Power or phantom power	1 AA 1.5V IUM3 battery; or - 9-52V DC 2mA TYP
Connection type	Integral 3-pin XLR type

H4 DIgItal Recorder

Size	120 in. x 14 in. x 8 in.