

Xpress Pneumatic Panel

Delivers, regulates, or extracts gas in mud-logging applications

Applications

- Providing gas samples to chromatographs and total gas detectors
- Regulating hydrogen and air flow for flame-ionization-detector (FID) equipment
- Cleaning the sample line from the mud-logging unit to the gas trap
- Extracting samples from cuttings-gas analysis equipment

Features

- Selectable blowback valve
- Adjustable sample flow rate from the gas extractor

Benefits

- Enables the user to extract samples for multiple devices at different, specified flow rates
- Regulates carrier-gas pressure
- Offers quick and easy blowback if needed

Tool Description

The Weatherford Xpress pneumatic panel delivers gas samples to chromatographs, IsoTube® manifolds, and total gas detectors as part of a mud-logging operation. The panel also regulates rig air flow, hydrogen flow (when required), and the flow of clean air to gas-detection equipment. Additionally, the panel can be used to extract samples from the cuttings-gas analyzer. The blowback feature cleans the sample-gas line from the mud-logging unit all the way to the gas trap.



Mounted on a rack inside the mud-logging unit, the Xpress pneumatic panel provides a means to manage gas samples and flow.



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Specifications

Power requirements	110-220 Vac, 50 to 60 Hz
Dimensions (H x W x D)	5.5 x 19 x 18.5 in. (13.97 x 48.26 x 46.36 cm)
Weight	12 lb (5.4 kg)
Internal filter pressure rating	125 psi (8.6 bar)
Maximum free flow of internal pump	0.283 scfm (8 L/min)
Free flow of internal pump at 7.2 psi (0.5 bar)	0.184 scfm (5.2 L/min)
Free flow of internal pump at -4.3 psi (-0.3 bar)	0.223 scfm (6.3 L/min)
Maximum pressure	21.7 psi (1.5 bar)
Maximum vacuum	-11 psi (-0.8 bar)
ANAX JDE number	02390212

