FALIZ
PAJOUHESH PARS CO.

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F1.E3

Measuring head

This product is a combined hydro-mechanical wireline depth and tension measurement system enabling both wireline depth and tension signals to be provided to a separate remote display.

Accurate depth display is achieved by means of mechanical cable output from the depth gearbox mounted to the measuring head. This measuring head is a three-wheel wrap around design comprising two upper wheels and one lower wheel. Wireline replacement can be achieved without cutting of the rope socket.

Dimensions & Weights

[L] 1.13 m [W] 0.34 m [H] 1.00 m [Weight] 105 kg

Slickline Capability

* Designed for Super light duty (0.092”) to heavy duty (0.160”) Slickline operations

Swabbing and Fishing Capability

* Designed for light duty (3/16” + 1/4”) braided line operations

Logging Capability

* Designed for light duty (3/16” to 1/4”) mono-conductor line operations

Transmission

* Used with different ratio single or dual output depth gearbox fitted to measuring head
* Precision machined depth gearbox systems available for all wireline sizes
* Short cable between depth gearbox and mechanical depth counter provide excellent depth accuracy

Depth & Tension System

* Configurable for feet or meters
* Configurable for lbs or kg

Features & Benefits

* Suitable for 0.092” to 1/4” operations
* 3 Wheel wrap around design with two separate upper wheels & one single lower wheel
* Upper section & lower section are hinged with one or two integral hydraulic load cell for tension sensing
* Wireline with rope socket or logging head intact can be removed from side of measuring head
* Upper two wheels rotate independently to remove risk of wireline rubbing
* Aluminum main body construction with stainless steel wheels & components
* Maximum line tension 0-8800 lbs

Options

* Range of precision machined single or dual output gearboxes for accurate depth measurement
* Electro-hydraulic pressure transducer system for electronic tension signal to Smart Monitor
* Optical encoder for electronic depth & speed signal to Smart Monitor
* Electro-pneumatic automatic wire spooling system
* Wire oiler tank with adjustable nozzle control
* Load pin (Ex)
* Second Encoder
* Calibration tool

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