



WELL TESTING TOOLS

- SLICK-LINE UNITS
- MOBILE TESTING UNITS
- SOFTWARE
- INSPECTION AND CALIBRATION TOOLS FOR EQUIPMENT TESTING
- DOWNHOLE GAUGE SYSTEMS

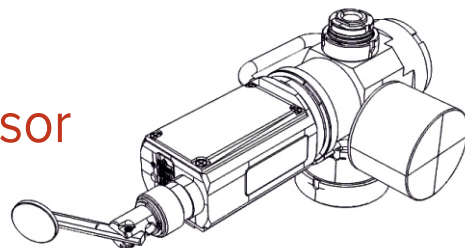
WIRELESS AUTOMATIC DOWNHOLE LEVEL SENSOR

DUA-1



WELL TESTING TOOLS

Wireless automatic downhole level sensor DUA-1



The explosion proof sensors of 1Ex ib IIB T3 Gb X class.

SIAM[®]
SIAM COMPANY

Functions

Fully automated control over the static and dynamic fluid level and annulus pressure in well, transient well testing and long term control of the artificial lift systems.

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Features

- A compatible android based smart phone can be used as a Data Storage Terminal (DST);
- DST provides storage and further transfer into SIAM DB (database) a huge amount of survey data, depending on the model of smartphone;
- Simple user friendly interface (sensor state indicators located on the body of the tool/ survey starts by the signal from DST via wireless interface/all the data stored inside and displayed on the screen of DST);
- Long range of operation distance between DST and Sensor give the opportunity to adjust, control and record the data on a distance upto 50 meters from the wellhead;
- Automatic measurement of the fluid level without operator assistance.
- The sensor has a large memory capacity.

Specifications

Range of controlled fluid level	from 20 to 3000 (6000) m
- Resolution	1 m
Range of measured annulus pressure	from 0 to 100 kgf/cm ²
Pressure resolution	0,1 kgf/cm ²
Memory capacity	
- alphanumeric records	12064
- charts	2605
Amount of echometer shots in automatic mode*	1000
Battery charging time	10 hours
Рабочий диапазон температуры датчика	from -40 °C to +50 °C
Weight	8 kg
Data transfer interface	USB / Bluetooth
Explosion proof protection / Ingress Protection Rating	1 Ex ib IIB T3 Gb X / IP67

*Normal climatic conditions

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