



## WELL TESTING TOOLS

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

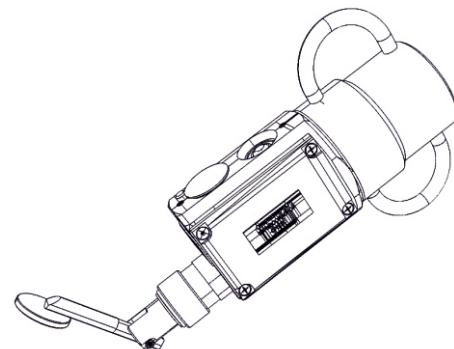
## WIRELESS ECHOMETERING SENSOR

DU-1



# WELL TESTING TOOLS

## Wireless echometering sensor DU-1



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

**cuom**<sup>®</sup>  
SIAM COMPANY

### Functions

Annulus pressure and fluid level control during various field operations.

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SOFTWARE

### 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;
- Freeze-proof power source design of sensor allows to charge it within the wide range of operation temperatures (starting from -20 Celsius degrees);
- The sensor has a built-in lithium cell

### Specifications

Range of controlled fluid level	from 20 to 3000 (6000) m
- Resolution	0,03% FS
Range of measured annulus pressure	from 0 to 100 kgf/cm <sup>2</sup>
Pressure resolution	0,1 atm
Annular sound velocity range	250 - 450 m/s
Battery operating ON-time*	35 hours
Battery charging time	8 hours
Operating temperature range	from -40 °C to +50 °C
Weight	2,3 kg
Data transfer interface	USB / Bluetooth
Explosion proof protection / Ingress Protection Rating	1 Ex ib IIB T3 X / IP54

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\*Normal climatic conditions

