



## WELL TESTING TOOLS

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

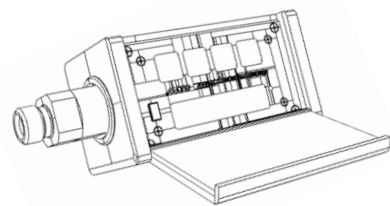
## WELLHEAD PRESSURE AND TEMPERATURE GAUGE

UMT-02



# WELL TESTING TOOLS

## Wellhead pressure and temperature gauge UMT-02



**A unique combination of options in one electronic device – data recording and automation of repeated measurements in a fully unattended mode**

### Functions

- Suitable for both production and injection wells.
- Single or continues wellhead pressure recording.
- Optional second remote temperature transducer.
- Specially designed database for pressure data storage.

### Features

- Temperature ranges  $-40^{\circ}\text{C}$  to  $+50^{\circ}\text{C}$  ( $-40^{\circ}\text{F}$  to  $+122^{\circ}\text{F}$ ).
- Data and measurement process adjustment management from either PC or laptop under Windows or Android OS.
- Onboard software for programming of the tool and energy independent memory.
- Operation with internal or external (solar panel) power source;
- Software package for data storage and analysis.

### Specifications

Available in ranges of pressure	10, 25, 40, 60 MPa
Max reduced error (in ranges of temperature)	$\pm 0,15\%$ ( $-20^{\circ}\text{C}...+50^{\circ}\text{C}$ )
Pressure resolution	0,0001 MPa
Temperature range	from $-40$ to $+50^{\circ}\text{C}$
Temperature measurement range by internal sensor	from $-40$ to $+50^{\circ}\text{C}$
Temperature measurement range by the temperature transducer	from $-55$ to $+125^{\circ}\text{C}$
Max absolute error while temperature measuring by internal sensor	$\pm 0,2^{\circ}\text{C}$ ( $-20^{\circ}\text{C}...+50^{\circ}\text{C}$ )
Temperature resolution	0,001 $^{\circ}\text{C}$
Min time step	1 sec
Memory capacity: (number of measurements)	67 433 500
Continuous operation time, min (interval 1 мин.), min	500 days (under standard environment)
Data transfer interface	USB / Bluetooth**/GSM***
Dimensions	
Diameter	87 mm
Length	212 mm
Weight	1,5 kg
Connecting thread	M 20x1,5
Calibration period	3 years
Explosion proof protection / Ingress Protection Rating	1 Ex dib IIB T3 X / IP54

\*\* For special edition with built in Bluetooth / \*\*\* GSM units

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SIAM COMPANY

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DOWNHOLE  
GAUGE  
SYSTEMS

INSPECTION AND  
CALIBRATION TOOLS  
FOR EQUIPMENT  
TESTING

SOFTWARE

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