



OEM Ability!

RUSSIAN MANUFACTURER
OF PROCESS CONTROL INSTRUMENTS



ELEMER-KT

Temperature calibrators

ELEMER-KT-150, KT-200



High accuracy

Down to $\pm 0,02$ °C using built-in high accuracy RTD sensor

Wide temperature range

KT-150	-45 to 150 °
KT-200	-10 to 200 °
KT-500	28 to 500 °
KT-650	28 to 650 °

ELEMER-KT-500, KT-650



Superior stability 0,01 °

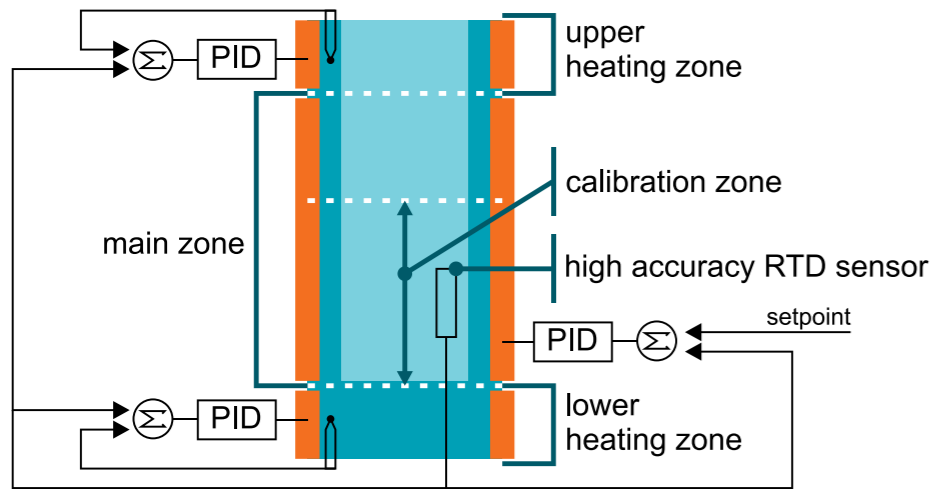
30 min measuring time

All-in-one calibration system

- Capacious dry well loading up to 4 thermometers
- 4 universal analog inputs

Automatic control of fixed points cells temperature

Mains noise immunity



Enhanced temperature homogeneity

Calibrators feature triple-zone heating technology. Each heating zone is independently PID-controlled. The main zone has a built-in high accuracy platinum thermometer. The lower zone ensures perfect temperature homogeneity within 60 mm from the bottom part. The upper zone compensates for heat loss from sensors-under-test.

Colour touch screen

The 7" full colour WVGA display provides easy-to-read data. Intuitive menu navigation helps in identifying calibrator information for any operational mode.

Autostepping mode

The autostepping mode enables programmed temperature steps and rates including hold time for each step. Universal analog inputs and the autostepping feature offer an automatic solution to calibrate up to four thermometers at the same time and to log calibration data.



Up to 4 thermometers calibration at the same time

- 2/3/4-wired RTD
- Thermocouples
- Temperature transmitters with 4-20 mA output
- Built-in power source for 4-20 mA transmitters



HART protocol compatibility

- Transmitter configuration mode
- Automated loop current tuning
- Automated sensor calibration



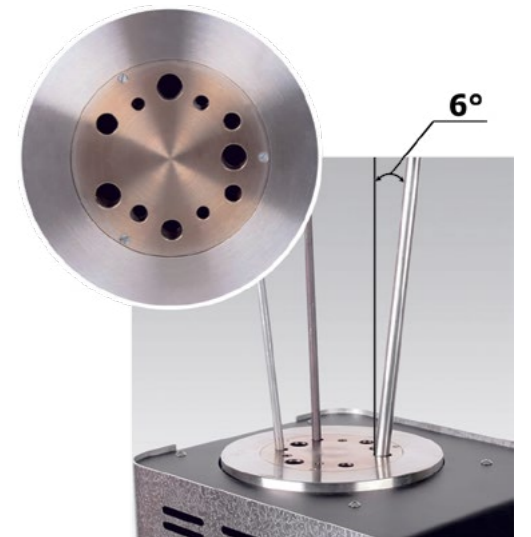
Angular design external reference sensor

The specially designed reference sensor is angled at 90 °.

The top of the sensor is only slightly higher than the calibrator top which makes it possible the immersion of sensors with big connection heads.



Removable multihole inserts



Angled probe holes

Unique dry well capacity

- Standard solid dry well with up to 6° angled holes which ensures multi-mounting of sensors with big connection heads and increases calibrator throughput
- Solid dry well with customized pre-drilled holes ranging from 2 to 22 mm
- Dry well with Ø37 mm removable customized insert



ELEMER, lane 4807, bldg. 7/1, Zelenograd, Moscow, Russian Federation
Tel.: +7 (495) 988 48 55, tel. for call from EU: +498007244869
e-mail: elemer@elemer.ru