

# CTR3000 Multi-functional precision thermometer



# Multi-functional precision thermometer, CTR3000

- For use with PRTs, thermocouples and thermistors
- Innovative and easy to use via touchscreen
- High accuracy
- Expandable to 44 channels
- Log and scan functions
- Versatile applications



## Touchscreen and intuitive operator interface

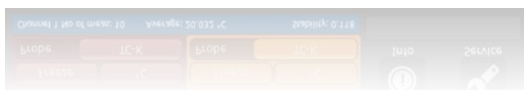


### Operation made simple

Due to the innovative user interface the operation is largely self-explanatory. A clear touchscreen display with eight apps on the home screen that can provide information at a glance. These show the main tasks that the user can perform, simply define a probe, document the calibration with a logger protocol or perform a scan routine by measuring one channel after another. The unique design with its simple structure makes operating the CTR3000 amazingly simple.

## A scan routine makes a multi-channel measurement functionally easy

Due to the wide range of the CTR3000 we are able to provide a single instrument making calibration cost-effective. The logger and scan features with a live screen and graph make calibration easy.



# Important criteria for the right product

Model	Measurement		Technology		Accuracy	Reference resistors		Sensor current		Number of channels
	RTD	TC	AC	DC	Full range	Int	Ext	Std	User	Maximum
CTR3000	●	●	○	●	0.005 K*	●	○	●	○	44
CTR5000	○	○	●	○	0.005 K	●	○	●	○	64
CTR6000	○	○	○	●	3 ppm	●	●	○	●	60
CTR6500	○	○	●	○	1 ppm	●	●	○	●	60
CTR9000	○	○	●	○	20 ppb	○	●	○	●	60

● possible ○ not possible \* for RTD measurement

Our temperature bridges are primarily used to calibrate and measure temperature sensors. With an easy set-up, an intuitive graphical user interface and accurate temperature measurement technology, our bridges make measurement easy.

## Industries

### Automotive

Calibration of high-precision automotive sensors

### Calibration services

Efficient and precise calibration to comply with the local and national standards.

### Heating, ventilation, air-conditioning

Accurate measurement and control for applications like air-conditioning, water heating and refrigeration systems. Manufacture testing, calibration of performance parameters of components.

### Medical/Pharmaceutical

Precise calibration for measuring systems in the production of medical devices, surgical equipment and innovative medical solutions.

### Military

Accurate and reliable calibration of temperature measuring instruments to ensure quality and minimize risk of failure.

### Oil & gas

Precise calibration for instruments in harsh, contamination-prone areas.



# Highest precision for each requirement

In addition to the umbrella brand WIKA, you will also find the brand ASL for the measurement parameter temperature. With these established brands within the calibration market we deliver the ideal solution for each measurement task.

The products of ASL can be combined perfectly with the WIKA product programme, even allowing a presentation to the most exigent customers, as a full-range supplier.



#### Range of services

Measuring range: -200 ... +1,300 °C

Control range: -55 ... +1,100 °C

## WIKA and ASL

ASL (Automatic Systems Laboratories) is a worldwide leader in the manufacture of temperature products in the area covering high-precision temperature hand-helds through to the highest level of temperature measuring bridges.

Since 2013, ASL has been part of the WIKA Group in the calibration technology division. Since then, ASL has improved even further. Modern and efficient warehousing ensures short and exact delivery times. The services and product range will be expanded even further.

Pictures (page 3):  
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**WIKA Alexander Wiegand SE & Co. KG**  
Alexander-Wiegand-Straße 30 · 63911 Klingenberg · Germany  
Tel. +49 9372 132-0 · Fax +49 9372 132-406  
info@wika.de · www.wika.de

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