

RTD Thermometer Model CA865



Model CA865 is supplied with RTD sensor for accurate measurements

The RTD Thermometer Model CA865 is a portable, compact digital meter designed to use an RTD Pt385/100Ω as the temperature sensor for precise temperature measurements in a variety of environments. The RTD probe provides for fast response time, accurate measurements, and good repeatability.

Features include a 3½ digit LCD with readings to 1999. The meter is supplied with one RTD probe and a shockproof protective holster.

Features

- Easy one-hand operation
- Accurate RTD sensor included
- Measures temperature in °F and °C
- 0.1° Resolution
- MAX and HOLD functions
- 2000-count backlit LCD
- Lightweight and compact
- Includes rugged, shockproof, protective, dirt resistant holster

Applications

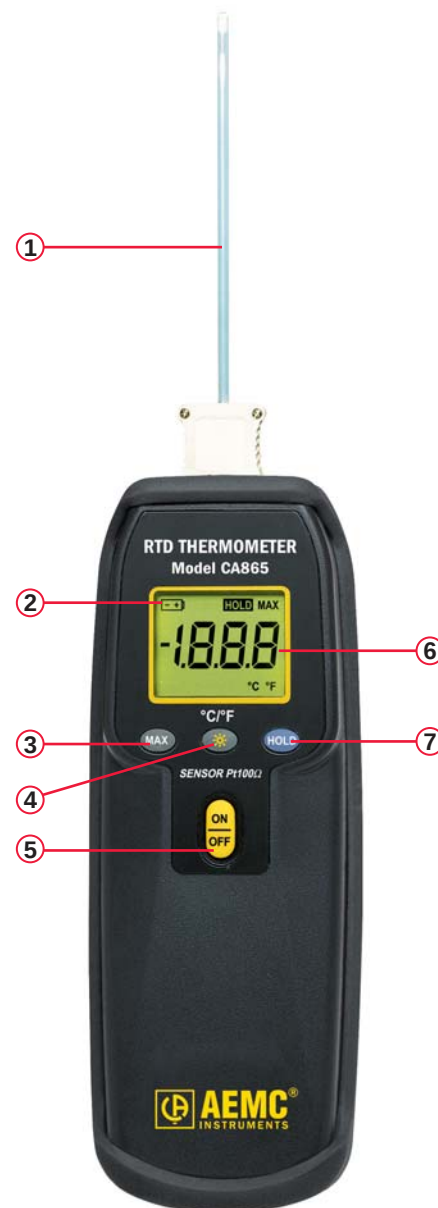
- Process control monitoring and troubleshooting
- HVAC installation and maintenance
- Hot spot detection on instruments and office equipment
- Indoor/outdoor temperature monitoring

Specifications

MODEL	CA865
MEASUREMENTS	
Temperature Scale	Fahrenheit or Celsius user-selectable
Measurement Range	-58° to 199.9°F or -50° to 199.9°C
Display Resolution	0.1°F or 0.1°C
Sensor	Pt385/100Ω RTD temp. sensor (alpha 0.00385)
Accuracy (Instrument)	±1°F (±0.5°C)
RTD Probe Accuracy	-58° to 199.9°F: ±2°F
	-50° to 100°C: ±1°C
	100° to 199.9°C: ±1.5°C
Input Protection	24Vdc or 24Vrms
Display Refresh Rate	2.5 times per second
Input Connector	Accepts standard 3-prong RTD plug
MECHANICAL	
Display	3½ digit liquid crystal display (LCD), 2000-count
Operating Temperature	32° to 122°F (0° to 50°C), <80% RH
Storage Temperature	-4° to 140°F (-20° to 60°C), 0 to 80% RH without battery
Polarity	Automatic
Power Source	9V Alkaline battery
Low Battery Indication	 is displayed when battery voltage is low
Dimensions	6.81 x 2.38 x 1.5" (173 x 60.5 x 38mm)
Weight	Approx. 6.2 oz (175g) including battery



Precise RTD temperature sensor allows for accurate temperature measurement at specific points on the surface of electronic circuits.



1. RTD sensor
2. Low battery indicator
3. MAX button
4. °C/°F selector & backlight
5. Power ON/OFF
6. 3½ digit display
7. HOLD button

ORDERING INFORMATION

CATALOG NO.

Thermometer Model CA865 (RTD) Cat. #2121.28

Includes RTD probe, 9V Alkaline battery, rugged, shockproof, protective, dirt resistant gray holster and user manual

Contact Us

United States & Canada:

Chauvin Arnoux®, Inc.
d.b.a. AEMC® Instruments
200 Foxborough Blvd.
Foxborough, MA 02035 USA
(508) 698-2115 • Fax (508) 698-2118
www.aemc.com

Customer Support - for placing an order, obtaining price & delivery:
customerservice@aemc.com

Sales Department – for general sales information:
sales@aemc.com

Repair and Calibration Service - for information on repair & calibration, obtaining a user manual:
repair@aemc.com

Technical and Product Application Support –for technical and application support:
techinfo@aemc.com

Webmaster - for information regarding www.aemc.com:
webmaster@aemc.com

South America, Central America, Mexico, Caribbean, Australia & New Zealand:

Chauvin Arnoux®, Inc.
d.b.a. AEMC® Instruments
15 Faraday Drive
Dover, NH 03820 USA
(978) 526-7667 • Fax (978) 526-7605
export@aemc.com
www.aemc.com

All other countries:

Chauvin Arnoux SCA
190, rue Championnet
75876 Paris Cedex 18, France
33 1 44 85 45 28 • Fax 33 1 46 27 73 89
info@chauvin-arnoux.com
www.chauvin-arnoux.com