

Main Specifications

- ▼ Dimension  
180 x 72 x 32mm
- ▼ Screen size  
Large LCD 62 x 34mm  
Height 13mm
- ▼ Screen display  
5-digit LCD screen display  
Switchable temp. unit °C/°F  
Switchable resolution  
Low battery indication
- ▼ Temperature range  
Min. -199.99°C  
Max. +850°C
- ▼ Probe (option)  
Pt100  
Input connector:  
DIN 4-pin socket
- ▼ Ambient temperature  
0 to 50°C (32 to 112°F)
- ▼ Storage temperature  
-10 to 60°C (14 to 140°F)
- ▼ Ambient humidity  
< 80%RH
- ▼ Accessories (option)  
Pt100 probe  
Carrying box  
RS232 cable  
USB cable  
RS232/USB interface software  
Data integration software

Other Specifications

- ▼ Refresh rate  
0.4 sec/time
- ▼ Resolution  
Switchable decimal point  
0.01°C / 0.1°C  
0.02°F / 0.1°F
- ▼ Power supply  
DC 9V alkaline battery
- ▼ Data output  
RS232 PC interface
- ▼ Power consumption  
DC 15mA
- ▼ Display numerical accuracy  
±( 0.1 % + 0.2 )°C /  
±( 0.1 % + 0.4 )°F
- ▼ Data record  
Record max. & min. value
- ▼ Weight  
285g

Optional Accessories Table

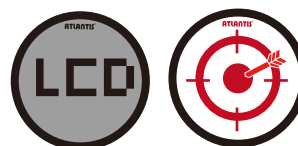
Code	Accessories
Pt100	Pt100 probe
C	Carrying box
RS	RS232 cable
USB	USB cable
S1	RS232/USB interface software
S2	Data integration software

# Digital Platinum Resistance Thermometer

Model: RTD-907A

## Introduction

RTD-907A digital platinum resistance thermometer used with a 4-wire Pt100Ω probe can measure wide temperature range.

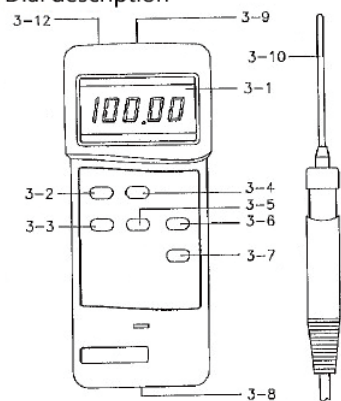


Due to the variety of customization, the picture is only for reference, please confirm the actual item with our sales. (If there is any change on specification, please take the latest version as standard.)

## Thermometer electrical specifications (@23 ± 5°C)

Unit	Resolution	Range	Accuracy
°C	0.01 °C	-199.99 to 199.99 °C	±( 0.1 % + 0.2 °C )
	0.1 °C	200.0 to 850.0 °C	
°F	0.01 °F	-199.99 to 392.00 °F	±( 0.1 % + 0.4 °F )
	0.1 °F	392.0 to 1562.0 °F	

Dial description



- 3-1 LCD screen
- 3-2 Lock current reading button
- 3-3 Record button
- 3-4 °C / °F switch button
- 3-5 Display record value button
- 3-6 Resolution switch button
- 3-7 Power on/off button
- 3-8 Battery holders / cover
- 3-9 Input connector
- 3-10 Pt100 probe
- 3-11 Temperature sensor (probe) connector
- 3-12 RS232 signal output jack

## Features

- High accuracy 0.1%, highest resolution: 0.01
- Used with 4-wire Pt100Ω probe to measure temperature
- Wide temperature range: -199.99 to +850°C
- Switchable temp. unit: °C / °F
- Switchable resolution
- Large LCD display ensures clear reading
- RS232 output
- Data recording function – record max. / min. temperature value
- Lock current reading function
- Software calibration can replace traditional hardware calibration
- Low battery / overload indication - screen display 「 — — — — 」
- Probe / carrying box / software for options