

Thermometer and T/C Calibrator

ESCORT-24 / 26 / 30 / 34 / 36

Features

ESCORT-24 K type T/C Thermometer

- K type thermocouple. Dual input T1, T2, T1-T2
- Maximum reading memory
- Low battery indicator
- Hold function
- °C/°F unit switchable
- Auto power off (20min), disable sleep mode
- Temperature coefficient: 0.1 times the applicable accuracy specification per °C from 0°C to 18°C and 28°C to 50°C

ESCORT-26 K,J,T,R,S,E. Thermometer

- Use one meter with up to six different thermocouple types. Select best probe type for your application
- Triple display screen
- Collect data for real-time to a PC with RS232C communication
- Timer, backlight display, °C/°F switchable, Record button, Hold / Release button
- Ideal for HVAC / R technicians, research, industrial process and quality control
- Optional RS232C software (Disk & PC cable)
- Serial format: Baud rate: 2400 bit / sec, Stop Bit: 1, Data Bit: 8
- Dual input, T1-T2, channel, (xxxx:xx:xxxx)



€ ESCORT-24



€ ESCORT-26

ESCORT 30 Stick Laser Infrared Meter

- Easy to use, simple and accurate.
- Instant, non-contact Temperature measurement.
- A popular meter for the temperature measurement of process conditions and rotating objects.
- Simple one hand operation.
- Pre-set unit either °C or °F
- Emissivity fixed at 0.95.
- At 5 inches measure on one inch target.
- Wide range of applications include: Heating and Air conditioning, Safety and Fire inspectors, Plastics molding, Asphalt, Marine, Screen printing, Measure ink and Dryer temperature.

Features

ESCORT 34 Pocket Infrared Meter

- Non-contact temperature measurement
- Adjust the emissivity of the meter to get a reliable temperature reading
- Easy to use, simple and accurate
- A great portable device for the food and automotive industry
- A popular meter for the temperature measurement of process conditions and rotating objects
- Simple one hand operation
- At 8 inches measure a one inch target
- Wide range of applications include: Heating and Air conditioning, Safety and Fire inspectors, Plastics molding, Asphalt, Marine, Screen printing, Measure ink and Maintenance
- Backlight feature for use in dark areas
- Shape design as pocket size type



€ ESCORT-30



€ ESCORT-34

ESCORT-36 Mini-gun Laser Infrared Meter

- Pre-set emissivity or 3 points emissivity selectable, for simple set up
- Non-contact measurement with laser pointer.
- A great portable device for Mobile industry.
- A popular meter for temperature measurement of process and maintenance conditions.
- Auto Power off after 4 seconds non-operation.
- Ambient temperature at 0°C calibrated by black body.
- Backlight feature for use in dark areas.
- Wide range of applications include: Food preparation, Safety and Fire inspectors, Plastics molding, Asphalt, Marine and Screen printing, measure ink and Dryer temperature, Diesel and Fleet maintenance.
- Class II laser product, complies with FDA radiation performance standard 21CFR subchapter J.
- <1 mW output at 675nm wave length.



€ ESCORT-36

Ordering Information

ESCORT-24/26

Standard Accessories:

Manual
9V battery
Hard plastic case
One K-type thermocouple probe

ESCORT-30/34/36

Standard Accessories:

Manual
battery
Soft case
wrist strap(ESCORT-36)

Optional Accessories:

Communication package(ESCORT-26)

Specifications	ESCORT 24	ESCORT 26
thermocouple	K	K/J/T/R/S/E
Temperature range	-50°C ~ 1300°C (-58 ~ 2000°F)	K(-200 ~ 1370°C), J(-200 ~ 760°C), S(0 ~ 1760°C), E(-200 ~ 1000°C)
Accuracy	1(-200 ~ 390°C), R(0 ~ 1760°C), -50°C ~ 1000°C ±(0.3% rdg + 1°C) 1000°C ~ 1300°C ±(0.5% rdg + 1°C) -58°F ~ 1800°F ±(0.3% rdg + 2°F) 1800°F ~ 2000°F ±(0.5% rdg + 2°F)	S(0 ~ 1760°C), E(-200 ~ 1000°C) ±(0.1% rdg + 0.7°C/1.4°C)
Resolution	1.0°C/1.0°F	0.1 ~ 1°C/0.1 ~ 1°F
Operation temperature	0 ~ 50°C (0 ~ 85%RH)	0 ~ 50°C (0 ~ 85%RH)
Auto power off	yes	yes
Battery	9 Volt	9 Volt
Display	37mm x 42mm LCD, Maximum reading 1999	50mm x 29mm
Dimensions	181mm x 71mm x 38mm (W x H x T)	72 x 182 x 30mm (W x H x T)
Weight	158g	158g

Specifications	ESCORT 30	ESCORT 34	ESCORT 36
Range	-20 ~ 320°C (-4°F ~ 600°F)	-20 ~ 420°C (-4 ~ 788°F)	-40 ~ 500°C (-40 ~ 932°F)
Accuracy	-20 ~ 100°C, 2°C whichever is greater. 101 ~ 320°C, ±4%°C or 3°C whichever is greater.	±2% or 2°C	-40 ~ 100°C, ±2% or 2°C whichever is greater. 101 ~ 520°C, ±3% or 3°C whichever is greater.
Resolution	1°C/1°F	1°C/1°F	0.1°C/0.1°F (-40 ~ 110°C/-40 ~ 230°F)
Repeatability	±1°C	±1°C or 2°F	±1°C
Emissivity	0.95	0.3 ~ 1.0	0.95, 0.90, 0.85, 3 point selectable
Distance Spot ratio	5:1	8:1	10:1
Response time	500ms	500ms	500ms
Storage ambient	-20 ~ 100°C, humidity < 90%	-20 ~ 50°C, < 90%	-40 ~ 100°C, humidity < 90%
Operating ambient	0 ~ 50°C (0 ~ 80%RH)	10 ~ 40°C, 10 ~ 90%RH	0 ~ 50°C (Humidity < 80%)
Auto power off	yes	yes	yes
Consumption	Max. 40mA	Approx. 12mA	Max. 40mA
Power	9 Volt battery	9 Volt battery	9 Volt battery
Dimension	44(W) x 40 (D) x 170 (H) mm.	156(L) x 33(W) x 52.6(W)mm	160(L) x 50(W) x 32.5(H)mm
Weight Approx.	140g	180g	220g