



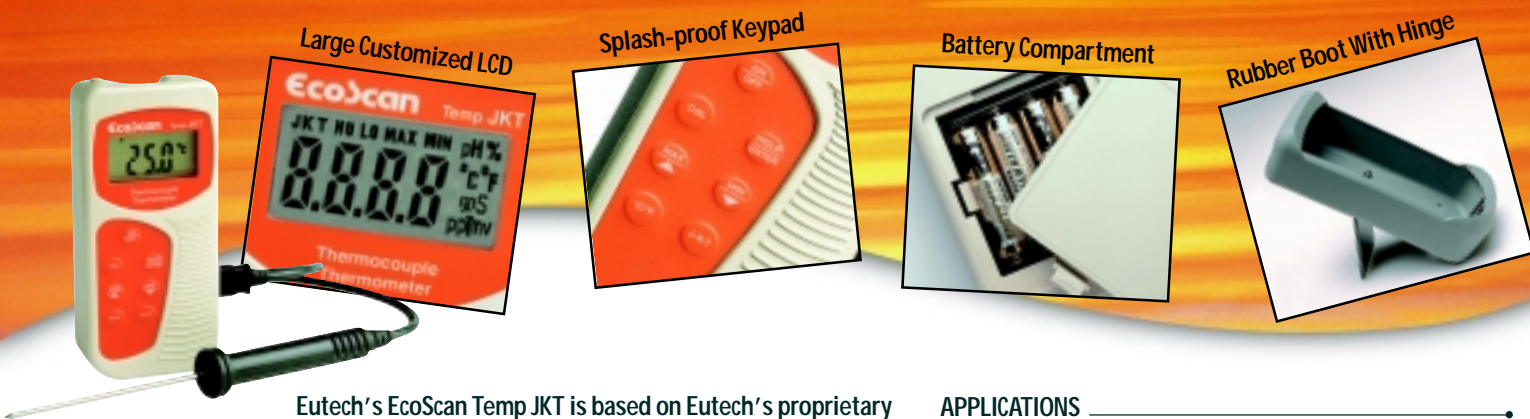
# EcoScan JKT Meter



EcoScan Temp JKT Meter  
°C / °F



- Microprocessor Based
- Type J, K and T Thermocouple
- Maximum And Minimum Display
- Non-volatile Memory
- Offset Adjustment
- Hold And Power-off Function
- Large Easy-to-read Display
- Self Diagnostic Messages
- Rugged Splash-proof Design



Eutech's EcoScan Temp JKT is based on Eutech's proprietary second generation Application Specific Integrated Circuit (ASIC) which offers several advanced features, while maintaining a user-friendly interface. This value-for-money EcoScan Temp JKT meter is designed specifically for type J, K and T thermocouple probes. Ideal for routine indoor/field temperature testing.

#### VERSATILE AND INSTANT READOUT

Readings of EcoScan Temp JKT can be toggled between °C (Celsius) and °F (Fahrenheit) instantly. The meter is also capable of switching between type J, K and T thermocouple modes, for use in a wide variety of applications.

#### MAXIMUM AND MINIMUM DISPLAY

At a push of a button the display momentarily shows the maximum and minimum temperatures. In addition the meter even updates the maximum and minimum temperatures when the MAX / MIN keys are pressed in the Hold mode.

#### MEMORY BACK-UP

Meter is equipped with non-volatile memory that retains all calibration data and other information even if the battery is disconnected.

#### OFFSET ADJUSTMENT

Calibrate or fine-tune the measurement by adjusting the offset against a known standard to ensure higher accuracy.

#### HOLD AND POWER-OFF FUNCTIONS

Freeze measured values for later reading and recording, useful in dimly lit and confined areas. Meter powers-off automatically 17 minutes after last key selection to conserve battery life and save you money.

#### EASY-TO-READ DISPLAY

The large custom LCD (Liquid Crystal Display) provides optimum viewing of measured values with units of measure. The display prompts and guides you with self-diagnostic message codes for trouble-free operation, i.e. low battery indication.

#### SPLASH-PROOF KEYPAD

Keypad is splash-proof and designed for easy finger touch operation. Tangible feedback confirms key selection.

#### PROTECTIVE RUBBER BOOT

A sturdy rubber boot protects the meter from damage due to accidental knocks. A sturdy hinge at the back of boot allows easy benchtop viewing.

#### INNOVATIVE DESIGN

EcoScan Temp JKT meter is ergonomically designed for convenient one-hand field operation. The ribbed body ensures firm grip preventing meter from slipping during operation.

#### INTERCHANGEABILITY

Due to its intrinsic property, the type J, K and T thermocouple probes are interchangeable with any equivalent models, without any tedious calibration.

#### WARRANTY

Eutech Instruments warrants its meter free from manufacturing defects for 3 years and probe for 6 months.

#### APPLICATIONS

Electroplating • HVAC • Chemical & electronics manufacturing industry • Food & beverage • Boiler/cooling towers • Metallurgy.

#### Specifications: EcoScan Temp JKT

Temperature Range	
Type J	-200 to 1000 °C (-328 to 1832 °F)
Type K	-250 to 1372 °C (-418 to 2501 °F)
Type T	-250 to 400 °C (-418 to 752 °F)
Resolution	
t < -99.9 °C	1 °C (1 °F)
-99.9 °C < t < 299.9 °C	0.1 °C (0.1 °F)
t > 299.9 °C	1 °C (1 °F)
Accuracy	
t < -99.9 °C	±0.25% of reading +1 °C (2 °F)
t > -99.9 °C	±0.2% of reading +0.5 °C (1 °F)
Offset Adjustment	±10 °C (±18 °F)
Auto Power-Off	After 17 minutes
Hold Function	Yes
Display	Custom LCD
Low Battery Indication	Yes
Inputs	2-Pin ANSI mini connector
Power Requirements	4 'AAA' Batteries
Battery Life	> 200 Hours (Continuous operation)
Operating Range	0 to 50 °C
Dimension/Weight	Meter: 14 x 7 x 3.5 cm ; 200g Boxed: 24 x 17 x 8 cm ; 550g

#### ORDERING INFORMATION

Order No.	Item
EC-TEMPJKT	EcoScan Temp JKT meter only
<i>Type J Thermocouple Probes</i>	
EC-TPGLPJ-01M	General purpose probe (immersion into liquids)
EC-TPPENJ-01M	Penetration probe (meat, semi-soft materials)
EC-TPSURJ-01M	Surface probe (direct contact on hot surfaces)
EC-TPCLPJ-01M	Clip-On probe (surface contacts - electronics)
<i>Type K Thermocouple Probes</i>	
EC-TPGLPK-01M	General purpose probe (immersion into liquids)
EC-TPPENK-01M	Penetration probe (meat, semi-soft materials)
EC-TPSURK-01M	Surface probe (direct contact on hot surfaces)
EC-TPCLPK-01M	Clip-On probe (surface contacts - electronics)

Note: We reserve the right to make changes, improvements and modifications to products shown.

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