



KYORITSU · ENVIRONMENTAL TESTERS · DATASHEET

Kyoritsu KEW 5515 Infrared Thermometer

Model KEW 5515 · Infrared Thermometer



Non-contact infrared thermometer measuring -32 to 535 °C with a 12:1 distance ratio, plus a K-type thermocouple input up to 1372 °C.

Key features

- Infrared measurement from -32 to 535 °C, 12:1 distance-to-spot ratio
- K-type thermocouple input, -199 to 1372 °C
- Single laser marks the centre of the measuring spot
- Adjustable emissivity 0.10 to 1.00 in 0.01 steps
- Dual backlit display with max / min / average or thermocouple value
- High and low alarm limits with red blinking backlight

Price and availability

Ask Industrial Supply Syndicate for the current price, stock and a quotation with GST and freight. Call +91 8961089611 or WhatsApp +91 89610 89611.

Specifications

Infrared Temperature

Measuring range	-32 to 535 °C
Accuracy	±3.0 °C (-32 to -20 °C), ±2.0 °C (-20 to +100 °C), ±2% rdg (100 to 535 °C)
Measuring element	Thermopile
Infrared spectral band	5 to 14 µm
Measuring diameter	Ø78 mm at 1000 mm (distance : measuring diameter 12:1)
Repeatability	Within ±1 °C
Emissivity	Variable 0.10 to 1.00 (0.01 steps); default 0.95
Collimation	Laser beam (class 2, 630–670 nm, ≤1 mW) marks the centre
Response	500 ms
Resolution	0.1 °C

Thermocouple

Thermocouple type	K-type
Measuring range	-199 to 1372 °C
Accuracy	±1.5% rdg +1 °C (-40 to 1372 °C)

Safety

Standards	IEC 61326, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-8, IEC 60825-1
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General

Display	Backlit LCD with dual display (blinks red when alarm activated)
Auto power off	After 6 seconds without key press
Operating temperature and humidity	0 to 50 °C / 10 to 90% RH
Power source	6F22 (9 V) × 1
Dimensions	180 (L) × 130 (W) × 40 (D) mm
Weight	Approx. 195 g (excluding battery)

What's in the box

- Carrying case (9152)
- 9 V battery (6F22)
- Instruction manual

Typical applications

- **Electrical Maintenance** – Non-contact checks for overheating terminals, breakers and busbars up to 535 °C.
- **Motor Testing** – Spot-checks motor body and bearing temperatures; K-type probe input for contact readings.

Official Kyoritsu documents

[KEW 5515 product catalogue \(English\)](#) PDF · www.kew-ltd.co.jp

[KEW 5515 instruction manual \(English\)](#) PDF · www.kew-ltd.co.jp

Order or ask for a quotation

Industrial Supply Syndicate supplies the Kyoritsu KEW 5515 across India with a GST invoice. Tell us the quantity and delivery location; we reply with a quotation or proforma invoice including freight.

Phone +91 8961089611
WhatsApp +91 89610 89611
Email info@kyoritsumeters.in
Online kyoritsumeters.in/product/kyoritsu-kew-5515-infrared-thermometer/
Address 54, Ezra Street, Kolkata, West Bengal 700000, India
GSTIN 19ACDPC1843J1ZR



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