

The Tekneka IRC500 Precision Infrared Calibrator offers swift, precise, and user-friendly calibration for infrared thermometers and thermal imagers. Tailored for devices operating within its temperature range, it presents an ideal solution for achieving optimal performance. Effortlessly measure infrared temperatures with precision using the radio-metrically calibrated Tekneka IRC500. Delivering accurate and reliable performance across a temperature range of 35 ~ 500°C, this calibration device ensures consistent results. Notably, it accommodates most thermometers with a target size of 152mm (6 inches) for calibration. Featuring an easy-to-read display that indicates temperature stability, and equipped with a network interface for Ethernet, the IRC500 combines user-friendly design with advanced capabilities.

Features

- High-precision infrared temperature measurement from 35 ~ 500°C
- Accurate, dependable performance and great stability
- Network interface for Ethernet
- Most thermometers require a large target size of 152mm (6 inches) to be calibrated
- Radio-metrically calibrated for meaningful, consistent results
- Easy-to-read, intuitive display that shows when the temperature is stable



Applications

Widely used in Calibration laboratories, Thermal imaging camera manufacturers, Manufacturing quality control, Service centers, Medical sectors, Energy sectors, Food industries, Building inspections, Pharmaceuticals, and Production facilities.

Packing Includes

- AC Power Cable

Ordering Info

IRC500..... Precision Infrared Calibrator

Description	Ranges
Temperature Range	35 ~ 500°C (95 ~ 932°F)
Temperature Accuracy	±0.5°C (@-100°C), ±1.8°C (other)
Display Resolution	0.01°C upto 300°C 0.1°C (other ranges)
Stability	±0.1°C (@-100°C), ±0.3°C (other)
Target Diameter	152.4mm (6-inch)
Nominal Emissivity	0.95
Heating Time	30 minutes
Cooling Time	40 minutes max to 100°C
Power Supply	230V AC (±10%), 1.5A/110V AC, 3A
Dimension	180 x 144 x 233mm
Weight	2.68kg