

### OAKTON® InfraPro® Infrared Thermometers

#### Easily measure moving objects and dangerous targets from a distance

- Laser targets your measurement area
- InfraPro 3, 4, and 5 feature adjustable emissivity, logging capabilities, and an RTD input for contact temperatures
- InfraPro 5 is rated intrinsically safe; Class I Division 1, Groups A, B, C, D and Class I, Zone 0, AEx ia IIC, T4 at 50°C

Rugged enough for industrial use, yet compact and lightweight enough to be carried around with you, these infrared thermometers are extremely easy to use: just aim, pull the trigger, and read the display. The 4½-digit backlit display shows temperature readings in °F or °C; low-battery indication; and hold, scan, and max. Display holds for seven seconds. Underrange and overrange conditions are also indicated on the display. Extra-bright laser is visible in indoor and outdoor applications.

Advanced models 35639-20, -30, and -40 indicate min/max, dif, avg, emissivity, high and low alarms, probe, log, and recall. Other features include an RTD input, 12 datalogging points, adjustable emissivity, and a rubber grip and nose that improve resistance to shock, damage, water, and dust.

**What's included:** one 9 V battery and hard carrying case. InfraPro 5 also includes an intrinsically safe RTD contact probe.



#### Use InfraPro in applications such as...



Measuring industrial equipment that is too hot to touch.



Measuring panels that are difficult to evaluate with contact sensors.

**INNOCAL®**  
INNOVATIVE CALIBRATION SOLUTIONS

**NIST TRACEABLE**

**K-17004-00 NIST-traceable certificate for infrared thermometers**  
Service includes test data at four test points.



#### Specifications & Ordering Information

Catalog number	K-35639-00	K-35639-20	K-35639-30	K-35639-40
Model	InfraPro 1	InfraPro 3 advanced	InfraPro 4 advanced	InfraPro 5 intrinsically safe
Range	-25 to 999°F (-32 to 535°C)	-25 to 1100°F (-32 to 600°C)	-25 to 1400°F (-32 to 760°C)	-25 to 1400°F (-32 to 760°C)
Accuracy	±1% of the reading or ±2°F (±1°C) whichever is greater			
Response time	500 msec			
Emissivity	Fixed at 0.95	0.10 to 1.00	0.10 to 1.00	0.10 to 1.00
Laser sighting	Single point, offset Class II	Single point, offset Class II	Single point, offset Class II	Single point, offset Class II
Distance-to-target ratio	12:1	30:1	50:1	50:1
Power	One 9 V battery (included)			
Contact probe	—	Optional	Optional	Included
Dimensions	8"L x 6"W x 2"H			
Price				

- K-35629-50 Contact probe** for 35639-20 and -30. Range is -40 to 500°F; 40"L coiled cable
- K-35629-90 Soft carrying case** with integral belt loop and Velcro® closure
- K-09376-04 Replacement batteries**, 9 V. Pack of 4

#### Technical info

- Infrared thermometers are ideal for measuring the temperature of objects that:**
- Require surface temperature measurement
  - Move, rotate, or vibrate
  - Have temperatures too high for contact sensors (above 2552°F)
  - Undergo rapid thermal changes
  - Are physically inaccessible to contact thermometers
  - Are damaged or contaminated if contacted
  - Have varying surface temperature distributions
  - Are subject to temperature change if contacted
  - Are too time consuming to measure with contact methods