

# DATA SHEET



# IR10



Klein Tools IR10 is a professional dual-targeting laser infrared (IR) thermometer. It offers a wide measurement range, a tight 20:1 distance-to-spot ratio, dual targeting lasers, and several calculation modes to facilitate different temperature measurement applications. In addition to measuring the temperature using IR emissions, it can also measure the temperature using a standard K-type probe.

## Specifications

|                            |                                                                                                                                                                                              |                          |                                                                                                                                                                                                                                             |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Type:</b>               | Dual-Laser Infrared Thermometer                                                                                                                                                              | <b>Application:</b>      | Temperature Measurements using IR Emission or K-Type Probe                                                                                                                                                                                  |
| <b>Special Features:</b>   | Dual Targeting Lasers, 20:1 Distance-to-Spot Ratio; Hi/Low Limits with Simultaneous Audible and Visual Alarms when Limits are Breached; Bright Backlit Display; Also Works with K-Type Probe | <b>Accuracy:</b>         | IR: 32° F and Above: +/- 3° F or +/- 1.5% (whichever is Greater); Less than 32° F: +/- (3.6° F + 0.2° F per Degree); K-Type: 32° F and Above: +/- 2° F or +/- % (whichever is Greater); Above 32° F: +/- 3° or +/-1% (whichever is Greater) |
| <b>Audible alert:</b>      | Y                                                                                                                                                                                            | <b>Material:</b>         | Plastic Housing, Electronic Components                                                                                                                                                                                                      |
| <b>Batteries:</b>          | 1 x 9V Alkaline                                                                                                                                                                              | <b>Distance to Spot:</b> | 20:1                                                                                                                                                                                                                                        |
| <b>Calculations:</b>       | Min. / Max. / Difference / Average                                                                                                                                                           | <b>Display:</b>          | Digital back-lit                                                                                                                                                                                                                            |
| <b>Display Resolution:</b> | 0.1 F (0.1 C)                                                                                                                                                                                | <b>Degree Format:</b>    | F or C                                                                                                                                                                                                                                      |
| <b>Range:</b>              | -40°F to 1200° F (-40°C to 650° C)                                                                                                                                                           | <b>Response Time:</b>    | <150 ms                                                                                                                                                                                                                                     |
| <b>Auto-callibration:</b>  | N                                                                                                                                                                                            | <b>Overall Length:</b>   | 7.0" (177.8 mm)                                                                                                                                                                                                                             |
| <b>Overall Height:</b>     | 4.49" (114.0 mm)                                                                                                                                                                             | <b>Overall Width:</b>    | 2.05" (52.1 mm)                                                                                                                                                                                                                             |
| <b>Weight:</b>             | 7.4 oz (210 g)                                                                                                                                                                               | <b>Included:</b>         | Custom Pouch, K-Type Probe and Battery                                                                                                                                                                                                      |

