Infrared thermometer with laser dot guidance

Ideal for use with Kamco power flushing pumps

- The engineer's 'eye' inside a heating system.
- Instant temperature readings - just point and squeeze trigger.
- Laser dot alignment for precise measurement.
- Identifies cold spots in radiators when surveying systems to ascertain whether flushing is required.
- Checks temperature gradient across radiators during power flush.

Infrared Thermometer Operating Instructions

To use, aim the infrared thermometer at the target and press the trigger to measure the surface temperature. The word 'SCAN' will be shown at the bottom of the display. Release the trigger. The word 'HOLD' is displayed and the temperature reading is held for 10 seconds, after which time the thermometer will shut down. Note: Holding the trigger down for a long period of time could affect the reading shown in the display.

MEASUREMENT ZONE/TARGET DISTANCE - The measurement zone is proportional to the distance the infrared thermometer is from the target. The thermometer is equipped with a 12:1 lens. If the target is 60 cm (24") away, the measurement zone will be 5 cm (2") across.

EMISSIVITY - Non-contact infrared thermometers are not recommended for use in measuring the temperature of shiny or polished metal such as copper tube **. For the same reason they are not suitable for taking water temperature readings as the infrared beam is reflected by the surface of the water.

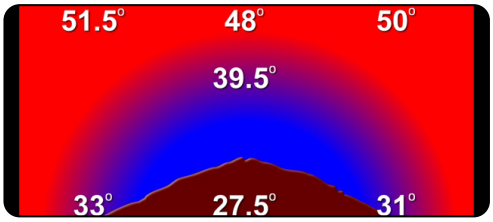
** A reading can be obtained if a piece of matt surface finish adhesive tape is wrapped around the copper tube.

LASER POINTER - The laser pointer function cannot be turned off. The centre of the measurement zone is 16 mm (approximately ¾") below the laser dot with the instrument held in a vertical position.

For safety, the laser pointer will only activate when the trigger button is pressed. The laser module is a Class 2 device that has a maximum power output of less than 1 mW at a wavelength of 630 to 670 nm.

Prolonged, continuous exposure such as staring at the beam can be harmful and should be avoided. DO NOT look into the beam of any optical instrument.

TEMPERATURE MEASUREMENT UNITS: °C/°F Open the battery compartment to reveal the °C/°F switch. Slide the switch to select °C or °F. Note: the instrument default is °C.



BATTERIES - The low battery icon indicates that the battery needs replacing as soon as possible. The instrument will continue to function but, to maintain accuracy, a new battery is required. Replace with one 9V PP3 battery inserted in the compartment located in the handle.

CARE - The sensor lens is the most delicate part of this infrared thermometer. Do not insert any foreign bodies into the sensor aperture as this will cause damage to the lens. Do not submerge any part of the unit. The instrument should be stored at room temperature between 10 and 40 °C.

Kamco Support
technical expertise; help-line and spares service.

BUILT IN BRITAIN

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