

DATA SHEET

CLEGG11 – Type K Compact Legionnaires Temperature Kit with SHKM03-S0.5 Immersion, SHKS01-0.5 Surface Small Handled Probes

Description

A legionella thermometer kit comprising of the MM2008 Legionella Thermometer, our small handled immersion probe, small handled surface probe and pouch.

This kit can be used to monitor both water and surface temperature in order to aid legionella prevention.

MM2008 Legionella Thermometer with Integral Timer

FEATURES

A single input thermocouple thermometer with an integral timer with a separate 1 minute and 2 minute count. This thermometer is primarily developed for use in Legionella risk management and offers reassurance that the correct reading is taken when monitoring hot and cold water temperatures.

- Single input thermocouple thermometer
- °C/ °F switchable
- Counter ensures that the correct temperature is met
- 1 minute counter for hot water temperatures
- 2 minute counter for cold water temperature
- Resolution of 0.1° to 1000° autoranging
- Switchable thermocouple K & T only
- Full retention of thermocouple type and temperature scale
- Auto Switch Off capability
- Easy to use software calibration
- Overrange / Open circuit sensor indication
- Low battery indication
- Supplied complete with shock resistant rubber boot
- IP67 casing

USING THE TIMER



1. Press either  for 1 minute count or  for 2 minute count.
2. Press the same button again to switch off.

SPECIFICATION

Environmental

AMBIENT OPERATING RANGE	:	-30 to 50 °C
STORAGE TEMPERATURE RANGE	:	-40 to 50 °C
HUMIDITY	:	0 to 70% R.H.

ELECTRICAL

MEASUREMENT RANGES	:	K	-200 to 1372 °C
	:	T	-200 to 400 °C
THERMOCOUPLE TYPES	:	K & T	
TEMPERATURE SCALES	:	°C / °F	
ACCURACY @23°C	:	+/- 0.1% OF READING +/- 0.2 °C	
CHARACTERISING ACCURACY	:	LESS THAN 0.05 °C	
TEMPERATURE COEFFICIENT	:	0.01% OF READING /°C	
COLD JUNCTION COMPENSATION	:	0.0075 °C/°C	

RESOLUTION : 0.1° to 1000, 1° ABOVE 1000

GENERAL

BATTERY : PP3 9V I.E.C. 6F22
BATTERY LIFE (INTERMITTENT USE) : GREATER THAN 200 HOURS (ALKALINE)
WEIGHT : 155 gm
DIMENSIONS : 130 X 70 X 33 mm

SHKM03-S0.5 K Type Small Handled Immersion Probe

Description

This probe uses a small handle for ease of use in confined spaces The probe is truly general purpose and may be used for gas, liquid or applications with difficult access.

Construction

Minerally Insulated Probe 3.0 mm Diameter by 100mm Long : Stainless Steel 316 (Food Grade)
05 meter straight polyurethane cable with moulded connector.

Sensor Features

➤ TOTAL ENCAPSULATION TECHNIQUE FOR MAXIMUM STRENGTH AND DURABILITY.

This probe is manufactured using a two stage moulding technique. Firstly the probes are encased in tough nylon, then a thermoplastic over moulding is applied. This gives an extremely robust and durable construction with the added benefit that the assembly is waterproof.

➤ HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT

Type 'K' Thermocouple : Class I ($\pm 1.5^{\circ}\text{C} \pm 0.25\%$)

- WIDE AMBIENT TEMPERATURE SPECIFICATION : -30 TO 50 °C
- TIME RESPONSE (96% of value in water) : 2.0 Secs
- MEASUREMENT RANGE : -100 TO 750 °C

SHKS01-S0.5 K Type Small Handled Surface (Band) Probe

Description

This probe uses a small handle for ease of use in confined spaces. Designed for measuring surface, radiators and smooth surfaces.

Construction

Sensor stem is 10mm diameter at the tip and 110mm long with 0.5 meter straight polyurethane cable with moulded connector

Sensor Features

- **TOTAL ENCAPSULATION TECHNIQUE FOR MAXIMUM STRENGTH AND DURABILITY.**

This probe is manufactured using a two stage moulding technique. Firstly the probes are encased in tough nylon, then a thermoplastic over moulding is applied. This gives an extremely robust and durable construction with the added benefit that the assembly is waterproof.

- **HIGH ACCURACY THERMOCOUPLE MATERIAL THROUGHOUT**

Type 'K' Thermocouple : Class I ($\pm 1.5^{\circ}\text{C} \pm 0.25\%$)

- **WIDE AMBIENT TEMPERATURE SPECIFICATION** : -30 TO 50 °C
- **TIME RESPONSE** (*96% of value in moving gas*) : 0.1 Secs
- **MEASUREMENT RANGE** : -100 TO 250 °C

Pouch for Thermometer and Probes

Description

Pouch-2 zip closing polyester pouch with internal compartments and strap. This product is ideal for carrying, storing and keeping dust free all your temperature testing equipment.

- Pouch Measurements: 35cm x 14cm x 5cm (approximate external)
- Bottom section has three elasticated straps with velcro fastening – will securely keep a handheld thermometer and numerous probes in place
- The Lid has two mesh compartments – ideal for instruction manuals, Thermocouple Attachment Pads, Fine Wire probes and spare batteries
- Light weight: Weighs just 119 grams