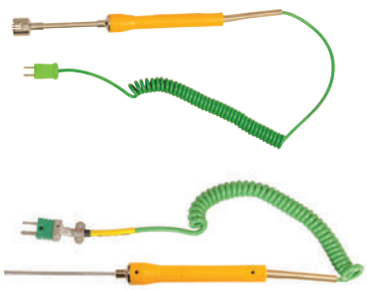
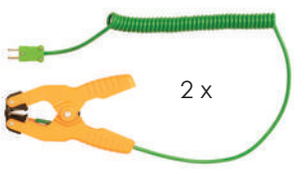
THERMOKIT
Thermometry Kit





2 x





2 x



This kit provides an ideal selection of electrical & thermometry instruments and accessories for the HVAC professional. It will save time and increase efficiency. The probes have been chosen to fill the needs of the majority of customers but if you require another probe design please call us.

This kit includes:

1 x DT175 dual input thermometer

2 x TT1P bead thermocouples

1 x TT5K air probe

1 x TT8K surface probe

2 x TT10K pipe clamp probes

1 x soft carry case

SPECIFICATIONS

DT75 Dual Input Digital Thermometer

Display: 3½ digit liquid crystal display (LCD) with maximum reading of 1999

Measurement rate: 2.5 times/second

Polarity: Automatic, positive implied, '-' for negative polarity indication

Overrange: (OL) is displayed

Power: 4 x 1.5V, AAA alkaline batteries (IEC LR03, NEDA 24A)

Battery life: 200 hours typical with alkaline batteries

Temperature Measurement:

Temperature coefficient: 0.1 x (applicable accuracy) per °C. (0°C to 18°C, 28°C to 50°C)

Temperature scale: Celsius or Fahrenheit, user-selectable

Thermocouple type: K

Measurement range: -200°C to 1372°C. (-328°F to 1999°F)

Resolution: 0.1° to 199.9°C/°F, 1° ≥ 200°C/°F

Meter operating range: for use in 0°C to 50°C environment

Temperature accuracy:

Range	Accuracy
-200°C to -60°C	0.1% of rdg + 2°C
-60°C to 1372°C	0.1% of rdg + 1°C
-328°F to -76°F	0.1% of rdg + 4°F
-76°F to 1999°F	0.1% of rdg + 2°F

Input protection: 24V DC or AC rms maximum input voltage

TT5K Air probe:

Designed for measuring temperature of air and heating ducts. Maximum temperature: 250°C.

TT8K Surface probe:

Designed for measuring temperature of pipes and other surfaces. Maximum temperature: 600°C.

TT10K Pipe probe:

Designed for use on heating/ventilation applications and measuring in/out temperature of radiators and boilers. Maximum temperature: 100°C.

Due to policy of continuous development, Martindale Electric reserves the right to alter equipment specification and description outlined in this document without prior notice. No part of this document shall be deemed to be part of any contract for the equipment unless specifically referred to as an inclusion within such contract. © Martindale Electric Co. Ltd. 2017

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