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Soldering Iron tip Thermometer UNI-SENSOR701A

By using soldering iron tip sensor which has been specifically designed for soldering iron tips(UNI-9), temperature of a soldering iron tip can be precisely measured.

Measuring range: Normal temperature to +500 degree Celsius



Suitable for measuring temperature of soldering iron tips



Sensor type:UNI-9 Measuring tip temperature

Easy to use

Directly connecting sensor and main unit.

Accurate readout through digital display system.

Quick response allows you to perform work speedily.

Accurate temperature measurement

Automatic cold junction compensating circuits for high precision.

Various sensors according to application.

Extension compensating wire used enables appropriate use of UNI-SENSOR 701A according to the type of application.

UNI series sensors comprising a group of many sensor applicable to various applications

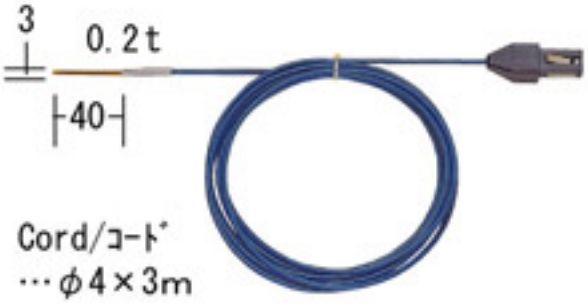
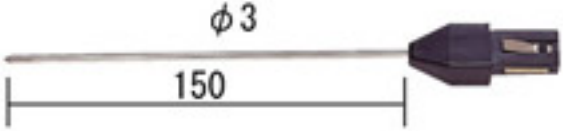
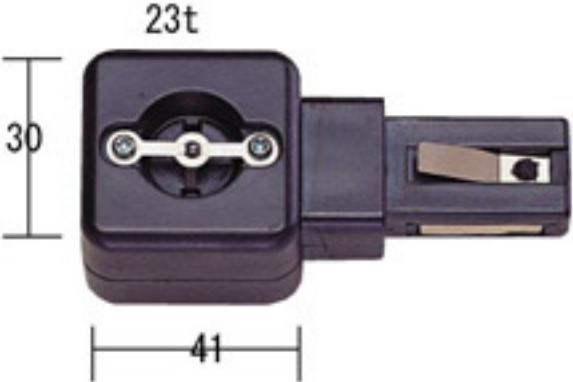

Surface sensor

P/N:UNI-1

Temperature Range:-50••200•

A constant contact pressure secured by the spring mechanism allows precise measurement of surface temperature (FE sheet metal, PC board, IC, etc.).



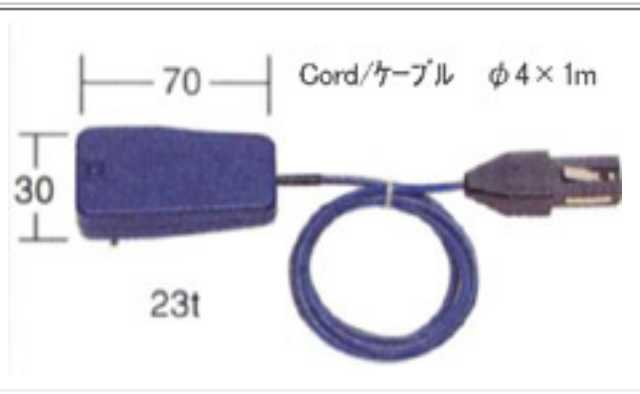
<p>Sticker type sensor P/N:UNI-8A Temperature Range:•30••200•</p> <p>Use the sensor by fixing at measurement location with heat resistant tape (FE PC boards).</p>	 <p>3 0.2t 40 Cord/コード φ4×3m</p>
<p>Internal temperature sensor P/N:UNI-2 Temperature Range:•100••500•</p> <p>The sensor is capable of measuring the temperature of solder in solder baths.</p>	 <p>φ3 150</p>
<p>Soldering iron tip sensor P/N:UNI-9 Temperature Range:Nomal••500•</p> <p>The sensor is capable of precise temperature measurement at the tip of soldering irons.</p>	 <p>23t 30 41</p>
<p>Sheathe type temperature sensor P/N:UNI-15B</p> <p>500mm×φ2.3internal temperature sensor. The sensor is ideal for measuring the internal temperature of Solder Wire Pre-Heater.</p>	 <p>φ2.3</p>

■Extension compensating

Extension compensating

P/N:UNI-4

The extension cable is convenient for temperature measurement at elevated or narrow locations.



■Example of application



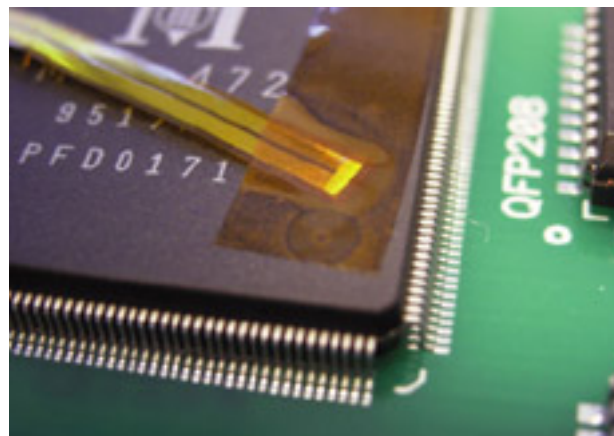
Sensor•UNI-1
Measuring surface of solder pod



Sensor•UNI-2
Measuring internal solder temperature in solder pod



Sensor•UNI-8A
Measuring the component's temperature



■Configurations

1, Standard Soldering iron tip set**Model•UNI-SENSOR701A**

- Storage case
- Main unit•UNI-120)

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Iron tip sensor•UNI-9)

2, Full option set**Model•UNISENSOR-701AF**

Set includes storage case, main unit, Extension cable UNI-4 and sensors below

Sensors included• UNI-1,UNI-2,UNI-8A,UNI-9

3, Soldering iron tip and Solder pod measurement set**Model•UNISENSOR-701AR**

The set includes storage case, main unit and sensors below.

Sensor•UNI-1,UNI-2,UNI-9

■Specifications

Model	UNI-120
Input	TYPE/K•CA)
Resolution	0.1•(in-99•199.9•)/1••in200••1200••
Accuracy	±0.5%•±0.1• to a readout
Power source	9V•006P Alkaline battery
Operating time	Approx. 100hours
Operating enviroment	0•40•/20•85% RH
Weight of main unit	Approx. 180g•Including battery•
Outline dimensions	W•187×H•42×D•24