



Enables you to perform temperature control surely and easily, which is essential during lead-free soldering.

- Suitable for Lead-Free solder:–
Quick and accurate tip temperature measurement using a fine CA wire sensor (Dia.0.2mm)
Disposable sensor always maintains accurate temperature measurement.
Sensor has twice service life of conventional one.
- MAX HOLD function
- Auto shutoff function
- Compact size

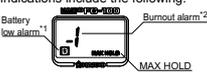
3-Dimensional Measurement



Allows you to measure from any desired direction according to tip shape.

Specifications

HAKKO FG-100

| | |
|------------------------------------|--|
| Resolution | 1°C |
| Temperature measurement range | 0-700°C |
| Applicable sensor | K (CA) type thermocouple |
| Measurement tolerance | ±3°C (between 300 and 600°C) |
| Display | Besides measured temperatures, display indications include the following:  |
| Power Supply | 006P 9V dry battery (alkaline cell recommended) |
| Outline dimensions | 68(W) x 140(H) x 38(D)mm (excluding protrusions) |
| Weight | 115g (excluding battery) |
| Ambient temperature/humidity range | 0-40°C, 20-90%RH, without condensation |
| Environmental Condition | Applicable rated pollution degree 2 (According to IEC/UL61010-1) |

*1 When  appears, be sure to replace the battery. Failure to do so will result in incorrect temperature measurements.
 *2 This alarm indicates a sensor burnout. If this alarm occurs, replace the sensor.

Replacement and Optional Parts

| Part No. | Name/Description |
|----------|--|
| 191-212 | Sensor/10 pcs |
| A1310 | Temperature probe for solder in pots |
| C1220 | Temperature probe for automatic solder machine |
| C1541 | Temperature probe for hot air |

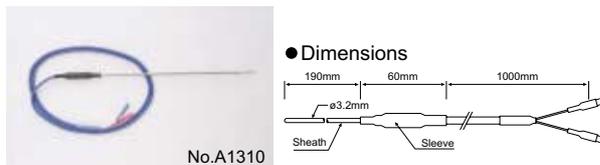
Packing List

| Model Name | Contents |
|--------------|------------------------|
| | Thermometer1 |
| HAKKO FG-100 | 006P 9V battery1 |
| | Sensor10 |

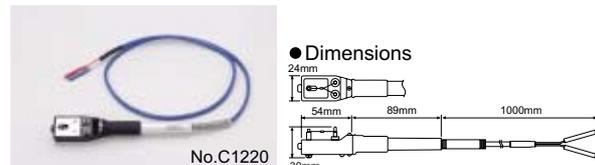
Temperature Probe

For measuring the temperature of solder in pots, automatic solder machine and hot air.

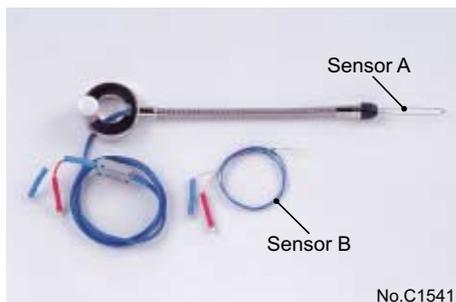
For Solder in Pots



For Automatic Solder Machine



For Hot Air



- Sensor A
Sensor A is primarily used to measure the temperature of hot air.
- Sensor B
Sensor B is primarily used to measure the temperature of workpieces.



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