



Strain Gages

Outline

Lead-wire cable

General

Waterproof

Concrete

Composite material
PCB
PlasticsUltra-small strain
High temp.
Low temp.

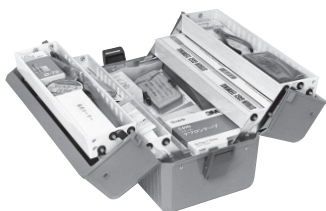
High elongation

Non-
magnetoresistiveHydrogen gas
BendingWith protector
Embedded

Crack

Adhesive
Coating agentCustom-
designed

■Gage Bonding Tool Kit



●GTK-77 NF Strain Gage Installation Kit **NEW**

This kit includes almost all tools, gage terminals, solder and other expendables required for gage bonding work.

Contents

Tool box, screwdriver set, tweezers (2 pcs), nippers, radio pliers, tape measure (2 m), stainless steel scale, protractor, sandpaper (#100, #320, 3 pcs each), soldering iron tip cleaner, knife, utility knife, scribe, soldering iron (35 W), compass, marking pencils (red, white), mending tape, pencils (4H, 6H, 2 pcs each), scissors, willow scissors, cotton swabs, clean paper, high-temperature solder, heat-resistant glass tube, heat resistant teflon tape, gage terminals (T-P1, T-P4, T-P5, T-P6, T-P7, T-P8, T-P9, T-P10, T-F2B, T-F3B, T-F7B, T-F8B, T-F10B, T-F13B, T-F17B, T-F25, T-F28), hair dryer (1200 W), insulation vinyl tape, table tap (2.5 m), soldering iron (ANTEX), silicone rubber (10 pcs), fluoroplastic sheets (10 pcs), gage presser G-MATE-B (1 pc)

Note: The power supply of the electric goods is set to 100 VAC, as per Japanese specifications.
Note: The "GTK-77 AC220 NF" for 200 VAC, contact us.



●GTK-55K Strain Gage Installation Kit

This portable kit includes almost all items required for gage bonding work.

Contents

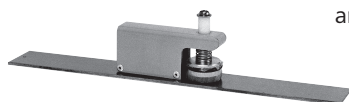
Tool box, tweezers (2 pcs), nippers, radio pliers, stainless steel scale, sandpaper (#180, #320, #600, and #1000, 4 pcs each), utility knife, scribe, pencils (4H, 3 pcs), tape, scissors, small scissors, cotton swabs, clean paper, gage terminals (T-F7B, T-F17B), vinyl tape, silicone rubber (10 pcs), fluoroplastic sheets (10 pcs), polyethylene sheets (SKF-28284, 100 pcs), gage presser G-MATE-B (1 pc)

Note: Cleaner, strain gages and adhesives are not included. Please prepare them separately.

■Gage Presser

●G-MATE Gage Presser

The G-MATE applies pressure to a bonded strain gage continuously until the adhesive is cured. It consists of a frame equipped with a strong ferrite magnet to firmly fix the object under testing and a pressure disk equipped with silicone sponge rubber and a coil spring to apply constant pressure to the strain gage.



G-MATE-B

| Name | Models | Applications |
|----------------------------|----------|---|
| Gage Mate | G-MATE-B | For normal temperature (Up to approx. 80 °C) |
| High-temperature Gage Mate | G-MATE-H | For high temperature (Up to approx. 150 °C) |

6 pc/pkg

■Compact Spot Welder

●GW-3C Compact Spot Welder

Developed to install encapsulated gages such as the KHCX, KHCS and KHC and to fix high-temperature lead wires and thermocouples, the GW-3C is an easy-to-use welder allowing continuously variable setting of welding energy.

Specifications

| | |
|-----------------------|--|
| Welding Energy | LOW: 0 to 25 Ws HIGH: 0 to 50 Ws |
| Welding Speed | 1 Ws: 150 times/min. 5 Ws: 120 times/min. 10 Ws: 80 times/min. 20 Ws: 60 times/min. 50 Ws: 30 times/min. |
| Operating Temperature | 0 to 40°C |
| Operating Humidity | 85% or less (Non-condensing) |
| Storage Temperature | -10 ~ 60°C |
| Power Supply | GW-3C: 100 VAC, 200VA or less GW-3C M9: 220 VAC, 200VA or less *115 VAC and 240 VAC models are available. |
| Dimensions | 183 W x 153 H x 313 D mm (Excluding protrusions) |
| Weight | Approx. 9 kg (Main body) |
| Compliance | Directive 2014/30/EU (EMC) Directive 2014/35/EU (LVD) Directive 2011/65/EU, (EU)2015/863 (10 restricted substances) (RoHS) |



*Products corresponding to welding speed 50 Ws, approx. 180 times/min. can also be manufactured.
(Note: Does not comply with overseas laws and regulations. For use in Japan only.) Please contact us for details.

Standard Accessories Square welding head, Grounding clip (With 1.3-m long cable), 2 electrodes (GW-02), Metal file, Fuse (5 A), Hexagon wrench, Instruction manual

Optional Accessories Aluminum trunk (GW-01)

GW-3C: CE compliant models