



Strain Gages

Outline

Lead-wire cable

General

Waterproof

Concrete

Composite material
PCB
Plastics

Ultra-small strain
High temp.
Low temp.

High elongation

Non-magneto
resistive

Hydrogen gas
Bending

With protector
Embedded

Crack

Adhesive
Coating agent

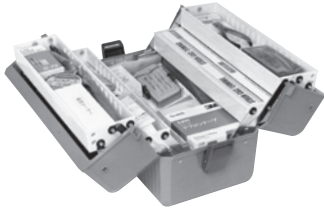
Custom-
designed

■Gage Bonding Tool Kit

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

●GTK-77 NF Tool Kit

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, scriber, 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), silicon 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: For GTK-77 AC220 NF, contact us.



●GTK-55K Tool 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, scriber, 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.)

■Gage Presser

●Gage Presser G-MATE

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 silicon 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, continuously variable HIGH: 0 to 50 Ws, continuously variable
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.
Power Supply	AC line
Dimensions and Weight	183 W x 153 H x 313 D mm (Excluding protrusions), approx. 9 kg (Main body)
EMC Directive	EN61326-1 (Class A)
Low Voltage Directive	EN61010-1, EN61010-2-030 (Installation Category II, Pollution Degree 2, Measurement Category O)
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
Options	Aluminum trunk (GW-01)

*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.