

HAKKO MG

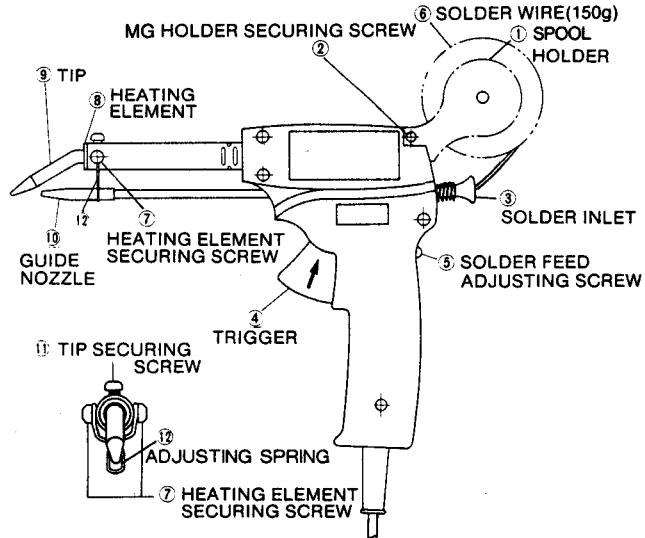
SOLDERING GUN

INSTRUCTION MANUAL

MG ELECTRIC SOLDERING GUN WITH SELF-FEED SOLDER SPOOL FOR ONE-HANDED SOLDERING

FEATURES

- One-hand operation. Just press the trigger to feed solder to the heated tip.
- Easily accepts any size solder between 0.8mm and 2.3mm in diameter. Simply press the trigger upwards, remove the old solder and insert the new.
- Highly precise feed control mechanism can be adjusted to feed between 3mm and 8mm of solder at a time.
- Quick and easy replacement of the heating element.
- Compact, lightweight design for fatigue-free soldering even during long periods of continuous use.
- Special alloy-plated Everpoint tip resists wear for a longer, more efficient service life.



ADJUSTING AND OPERATING THE MG SOLDERING IRON

1. Unscrew the two screws which secure the heating element and adjust the adjusting spring back or forth until the solder wire just touches the underside of the tip.
2. When performing continuous soldering, use a 0.5kg(1.1lb.) or 1.0kg(2.2lb.) spool of solder wire. For greater convenience, set the spool on the work bench or hang it from the ceiling. When performing smaller soldering jobs, attach the optional Spool holder to the MG soldering iron and use the 150g(0.33lb.) spool of solder wire.
3. To attach the Spool holder to the MG soldering iron, unscrew the two screws ② at the back of the iron, insert the Spool holder, and secure it to the iron with the two screws.
4. To insert the soldering wire, pull the trigger upwards and insert straight approx. 120mm(approx. 4.7in) of end of the soldering wire into the solder inlet. Feed it through the soldering iron by pulling the trigger.
5. Using a screwdriver, adjust the amount of solder wire that is fed to the tip with one pull of the trigger by turning the wire feed adjustment screw ③. Turn the screw clockwise to decrease the amount of wire and turn it counterclockwise to increase the amount of wire.
6. To remove the solder wire from the MG soldering iron, pull the trigger upwards and draw the wire out from the guide nozzle at back of the iron. If the wire is too short to grasp with the fingers, use a pair of wire cutting pliers.
7. To replace the heating element, remove the lid at the rear of the MG soldering iron, unscrew the connecting screws and the screws (⑦, ⑩), and remove the heating element. It is not necessary to completely disassemble the MG soldering iron to replace the heating element as the element is not directly connected to any of the other components inside the iron.

NOTE

- Please use a suitable Guide Nozzle to the diameter of solder.
- The Spool Holder ① for 150 g spool of solder will be sold separately.

Replacement Parts

- A. Heating element ⑧
B. Tip ⑨
C. Guide nozzle ⑩
For 0.8mm(0.031 in.) dia. solder wire
For 1.0mm(0.039 in.) dia. solder wire.
For 1.2mm(0.047 in.) dia. solder wire
For 1.6mm(0.063 in.) dia. solder wire
For 2.0mm(0.079 in.)-2.3mm(0.091 in.)
dia. solder wire

Optional Parts

- a. Solder wire 150g(0.33lb)
HEXSOL No.51 ϕ 0.8mm(0.031 in.) 60% tin
HEXSOL No.58 ϕ 1.6mm(0.063 in.) 60% tin
HEXSOL No.60 ϕ 1.0mm(0.039 in.) 60% tin
HEXSOL No.62 ϕ 1.6mm(0.063 in.) 50% tin
b. Spool holder No.582-022

HAKKO
HAKKO CORPORATION

HEAD OFFICE

4-5, SHIOKUSA 2-CHOME, NANIWA-KU, OSAKA, 556 JAPAN
TEL: (06) 561-3225 FAX: (06) 561-8466

OVERSEAS AFFILIATES

U.S.A.: AMERICAN HAKKO PRODUCTS, INC.

CORPORATE OFFICE

TEL: (805) 294-0090 FAX: (805) 294-0086
S'PORE: HAKKO PRODUCTS PTE., LTD.

TEL: 7482277 FAX: 7440033

HONG KONG: HAKKO DEVELOPMENT CO., LTD.

TEL: 2811-5588 FAX: 2590-0217

PHILIPPINES: HAKKO PHILS TRADING CO., INC.

TEL: 2-810-76-49 FAX: 2-810-76-49

MALAYSIA: HAKKO PRODUCTS SDN BHD

MALAYSIA HEAD OFFICE: PETALING JAYA

TEL: 03-7941333 FAX: 03-7911232