

JBC HA245

Automatic General Soldering Set for Robot



HA245 General Soldering Set makes the first selective soldering solution featuring Automatic Cartridge Exchange.

This Soldering Set is composed by:

- TRA245 Soldering Unit, in combination with CSR245 Cartridge Exchanger, allows the soldering robot to use different tip shapes to achieve the highest quality on each soldering point.
- SFR Solder Feeder includes a solder-wire perforation allowing better flux flow and outgassing, avoiding solder splashing when soldering.
- CLRP Tip Cleaner, tip cleaning is carried out in just one second, increasing heat transfer and improving soldering quality.
- Remote control the UCR Control Unit by the robot (PC or PLC) using RS232 JBC Communication Protocol. [Download it here.](#)

R245, R245L Cartridges and GSFR Guide Kit are not included.



**Don't believe us...
TRY IT!**



REFERENCE

HA245A-5B

PRODUCT COMPOSITION

- 1 [UCR245 General Control Unit for Robot](#)
- 1 [CSR245 General Cartridge Exchanger for Robot](#)
- 1 [TRA245 Automatic General Soldering Tool for Robot](#)
- 1 [SFR Solder Feeder for Robot](#)
- 1 [CLMRP Tip Cleaner for Robot with Fiber Brushes \(non metal\)](#)

SPECIFICATIONS

Peak power	160 W - 21 V
Selectable temperature	90 to 450 °C / 190 to 840 °F
Solder wire length	0.5 to 250 mm / 0.02 to 9.84 in
Solder wire speed	0.5 to 120 mm/s / 0.02 to 4.72 in/s
Wire diameter	0.5 to 1.5 mm / 0.020 to 0.062 in
ESD safe	Meet ANSI/ESD S20.20-2021
Tip-to-ground resistance	<2 ohms

WEIGHT AND DIMENSIONS

10.100 kg (22.27 lb)

11.400 kg (25.13 lb)

190 x 485 x 278 mm

CONNECTABLES



UCR245-5A

General Control Unit for Robot



TRA245-B

Automatic General Soldering Tool for Robot



CS2R245-B

General Cartridge Exchanger for Robot



GSFR-KIT

Guide Kit for SFR



SFR-B

Solder Feeder for Robot



CLMR-PA

Tip Cleaner for Robot with Fiber Brushes



SKR-A

Communication Debugger for Robot



SMR-A

Multiplexer for Robot