

JBC HA245**Soldering Unit for Robot****JBC**

HA245 Soldering Unit for General Soldering makes the first selective soldering solution featuring Automatic Cartridge Exchange available to the electronic industry.

TRA245 Automatic Soldering Iron, in combination with CSR245 Cartridge Stand, feature Automatic Cartridge Exchange which allows the soldering robot using different tip geometries to get the highest soldering quality.

SFR Solder Feeder, includes a solder wire perforation function, allowing flux flow and outgassing to minimize solder splashing.

CLR Tip Cleaner with its 50 mm (1.97") diameter, brushes the soldering tip thoroughly clean in just 1 second increasing its heat transfer capacity.

In order to establish the communication between UCR245 Control Box and the robot (PC or PLC) JBC provides the RS232 Communication Protocol. Download at www.jbctools.com.

R245 Cartridges and GSFR Guide Kit are not included.

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

**REFERENCE****HA245A-5B****PRODUCT COMPOSITION**

- 1 UCR245 Control Box for Robot
- 1 CSR245 Cartridge Stand for Robot
- 1 TRA245 Automatic Soldering Iron for Robot
- 1 SFR Solder Feeder for Robot
- 1 CLR Tip Cleaner for Robot

SPECIFICATIONS**SELECTABLE PARAMETERS**

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

SOLDER COMPATIBILITY

Wire diameter	0.5 to 1.5 mm / 0.020 to 0.062 in
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SPECIAL FEATURES

Cartridge compatibility	R245 Range
Automatic cartridge exchange	The TRA features automatic cartridge exchange which allows the soldering robot using different tip geometries to get the Highest Soldering Quality or automatically changing the cartridge when the one being used wears out.
Solder Wire Perforation	Specific GSFR solder wire guide sets for flux core perforation are available allowing flux flow and outgassing to minimize solder splashing.
Fast, thorough and gentle tip cleaning:	The Tip Cleaner CLMR with its 50 mm (1.97") diameter brushes thoroughly clean the soldering tip in just 1 second increasing its heat transfer capacity. Brushes are available with metal or plastic bristles.

ESD/EOS

ESD safe	
Tip to ground resistance	<2 ohms

POWER SUPPLY

Peak power	160 W - 21 V
Ambient operating temp.	10 to 40 °C / 50 to 104 °F

FOR EXTENDED INFORMATION FOLLOW THE LINKS

Control Box	UCR
Automatic Solder Iron	TRA
Solder Feeder	SFR
Cartridge Stand	CS2R
Tip Cleaner	CLMR

DIMENSIONS AND WEIGHT

Package	545 x 345 x 275 mm / 6.0 kg 21.5 x 13.6 x 10.8 in / 13.23 lb
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