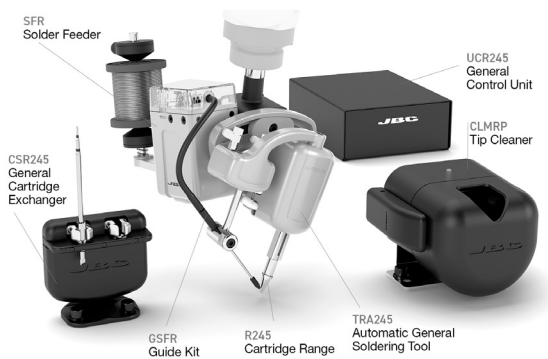# JBC

www.jbctools.com

INSTRUCTION MANUAL

HA245/HA470

Automatic General/Heavy Duty

Soldering Set for Robot

This manual corresponds to the following references:

- **HA245A-5B** *works with R245 cartridges*
- **HA470A-5B** *works with R470 cartridges*

Packing List

SFR
Solder Feeder

UCR245
General
Control Unit

CLMRP
Tip Cleaner

CSR245
General
Cartridge
Exchanger

GSFR
Guide Kit

R245
Cartridge Range

TRA245
Automatic General
Soldering Tool

Manual .... 1 unit
Ref. 0027871

TRA includes:

Automatic Soldering Tool for Robot .... 1 unit
According to purchased reference, included either
Ref. TRA245-B *or*
Ref. TRA470-B

Manual .... 1 unit
Ref. 0027874

SFR includes:

Solder Feeder for Robot .... 1 unit
Ref. SFR-B

Reel Support .... 1 unit
Ref. 0024561

Communication Cable 3 m........................ 1 unit
Ref. 0024563

Allen Key 1.5 mm .... 1 unit
Ref. 0741610

Allen Key 2.5 mm .... 1 unit
Ref. 0012574

Allen Key 3 mm .... 1 unit
Ref. 0013609

**Screws
DIN 912 M4x65** .... 2 units
Ref. 0024552

**Screws
DIN 912 M4x20** .... 2 units
Ref. 0921890

**Screws
DIN 7991 M4x10** .... 1 unit
Ref. 0490180

Spanner 10 mm .... 1 unit
Ref. 0017631
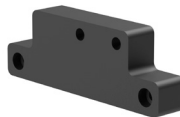
Insulator .... 1 unit
Ref. 0024588

Manual .... 1 unit
Ref. 0027875

UCR includes:

Control Unit for Robot .... 1 unit
According to purchased reference, included either
Ref. UCR245-5A *or*
Ref. UCR470-5A

Power Cord 1.5 m .... 1 unit
Ref. 0023714 (230 V)

Tool Cable 3 m .... 1 unit
Ref. 0027924

**Communications
Cable 3 m** .... 1 unit
Ref. 0024563

Manual .... 1 unit
Ref. 0027876

CSR includes:

Cartridge Exchanger for Robot .... 1 unit
According to purchased reference, included either
Ref. CS2R245-B *or*
Ref. CS2R470-B

Screw .... 2 unit
DIN 912 M6x20
Ref. 0842925

Washer .... 2 unit
DIN 125 Ø6.4 mm INOX
Ref. 0919480

Upper Center Jig .... 1 unit
Ref. 0023652 *for CS2R245-B*
Ref. 0023625 *for CS2R470-B*

Lower Center Jig .... 1 unit
Ref. 0029067 *for CS2R245-B*
Ref. 0029055 *for CS2R470-B*
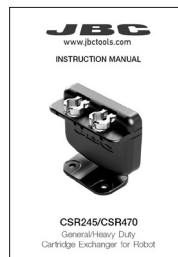
Manual .... 1 unit
Ref. 0027877

CLMRP includes:

Tip Cleaner for Robot with Fiber Brushes .... 1 unit
Ref. CLMR-PA

Fiber Brushes .... 1 pair
Ref. CL2008
(2 brushes - already assembled)

Connector Cable (3 m) .... 1 unit
Ref. 0024563

Manual .... 1 unit
Ref. 0029764

Features and Connections

PLC / Robot

CLMRP

SFR

TRA

CSR

UCR

Compressed Air

Connections:

--·--·-- RS 232 Comunication

············· Air Tube

———— 100-240 V AC
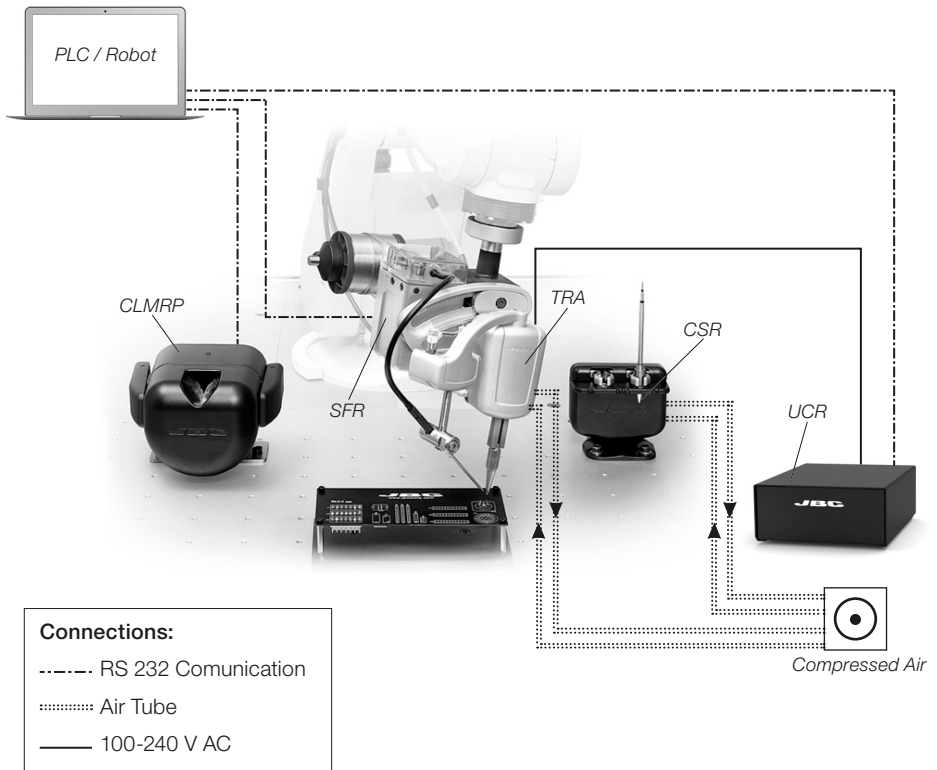
Further information can be found in the instruction manuals for the individual products, which are contained in their respectives product boxes.

For SFR, download the Robot Communication Protocol from **www.jbctools.com/jbcsoftware.html**

Maintenance and Safety

Follow the instructions in the individual instruction manuals, included in each product box.

Specifications

HA245/HA470
Automatic General/Heavy Duty Soldering Set for Robot
Ref.: **HA245A-5B**
Ref.: **HA470A-5B**

HA245A-5B
- Total Package Dimensions/Weight: 425 x 360 x 433 mm / 11.31 kg
  (L x W x H)   16.73 x 14.17 x 17.05 in / 24.93 lb
HA470A-5B
- Total Package Dimensions/Weight: 425 x 360 x 433 mm / 11.26 kg
  (L x W x H)   16.73 x 14.17 x 17.05 in / 24.82 lb

Complies with CE standards.
ESD safe.

JBC

This product should not be thrown in the garbage.
In accordance with the European directive 2012/19/EU, electronic equipment at the end of its life must be collected and returned to an authorized recycling facility.

CE EHC ℮