

## RC6036A Soldering Robotic Arm



### Multi purposes arm:

- ◆ **Painting**
- ◆ **Stacking**
- ◆ **Soldering**
- ◆ **Dispensing**
- ◆ **Assembling**
- ◆ **Screw Locking**
- ◆ **Provides perfect solder solutions**
- ◆ **Can adapt different type of grippers**
- ◆ **Able to solder most odd spot on PCB**
- ◆ **Can perform spotted, lined solder or both**
- ◆ **Very stable when performing repeating action with accuracy  $\pm 0.02\text{mm}$**



TOUCH SCREEN



REMOTE CONTROLLER



SOLDER WIRE FEEDING



SOLDERING HEAD

### Specification:

6 axis

Countertop installation, Ceiling installation, Wall mount.

Robot arm max length 580mm

Maximum speed:

- \* 1st join 225°/s
- \* 2nd join 180°/s
- \* 3rd join 180°/s
- \* 4th join 360°/s
- \* 5th join 360°/s
- \* 6th join 360°/s

Maximum solder arm travelling range:

- 1st join  $\pm 168^\circ$
- 2nd join  $-165^\circ \sim 60^\circ$
- 3rd join  $-44^\circ \sim +215^\circ$
- 4th join  $\pm 270^\circ$
- 5th join  $\pm 135^\circ$
- 6th join  $\pm 360^\circ$

Repeat Positioning accuracy  $\pm 0.02\text{mm}$

Maximum load 3kg, Specified load 1kg

Unlimited programming

12" touch screen display monitor

2.4G wireless remote controller

Adjustable temperature range  $100^\circ\text{c} \sim 500^\circ\text{c}$

Power supply 220V, AC/50Hz

Air pressure 0.4~0.8 MPa

Machine weight 108kg