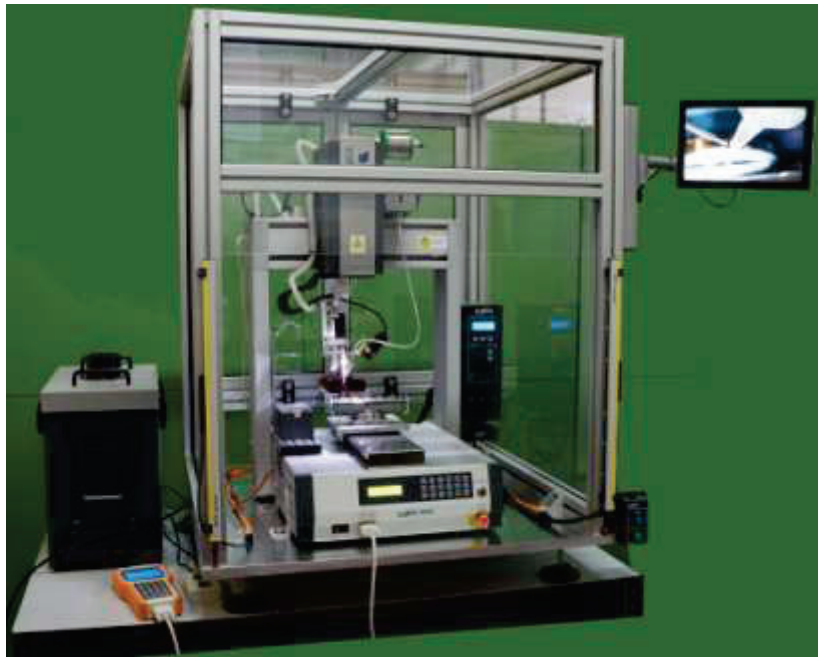# DESKTOP SOLDERING ROBOT MODEL ET9434

Example picture of Robot with safety cover, bottom plate and parts

Description:

Desktop Soldering robot with 4 Axis (stepper motor) X= 400 mm, Y = 400 mm , R= 300° and Z =100mm. Assembled with solder wire feeding system with sensors/alarms for wire presence and for blocking wire. Station for temperature control model ET378CA with temperature settable from 50 – to 500 °C – Power of heater 150W/200W – Voltage 230V - Teaching pendant for set the programs (with 999 programs, 60.000 solder points and 128 soldering conditions). Brush system for tip cleaning ET310.

Main Specifications:

-   Working area X – Y: 400 x 400mm
-   Z axis: 100mm
-   Rotation: R 300°
-   Temperature setting: from 50 to 500°C
-   Power of heater: 150/200 Watt
-   Soldering Tip with anti-rotation series 911G
-   Max. axes speed X – Y : 800 mm/sec – Z: 800 mm/sec – R: 420°/sec.
-   Programs capability: 999 programs with max. 60.000 points each
-   Teaching Pendant for setting programs and parameters with 128 different conditions
-   Solder wire diameter usable: from 0,3 to 1,6mm (there is a KIT for the diam. chosen)
-   Soldering head model 9018AM with variable geometry for soldering point by point or slide
-   Accuracy: +/- 0,02
-   Resolution: +/- 0,01
-   Tip Cleaning system with interchangeable rotary brush for remove the oxide on tips available with Voltage V230 or V24
-   Connections to a PLC available
-   9036 device for tip calibration position