

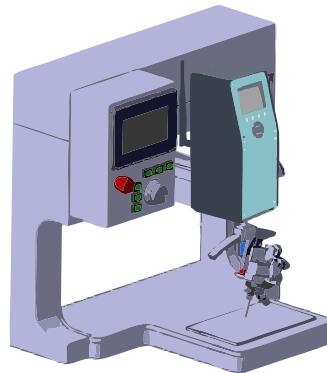
U180 Intelligent Network Temperature Control

Model U180 combines soldering, soldering tech data processing, soldering robots, network output, and remote intelligent system together, manage IOT soldering station.

Network terminal sends soldering tech data to targeting robot via soldering equipment and internet. Monitor robots' performance and soldering process. Network terminal can monitor single or multiple groups of soldering robots. Apply to massive automatic soldering tasks.

Model U180 adopted advanced 32 bits ARM4 microprocessor to manage and control work performance. It processes soldering tasks with soldering robots via wireless or wired network, terminal data communication, RS 485 or I/O connector.

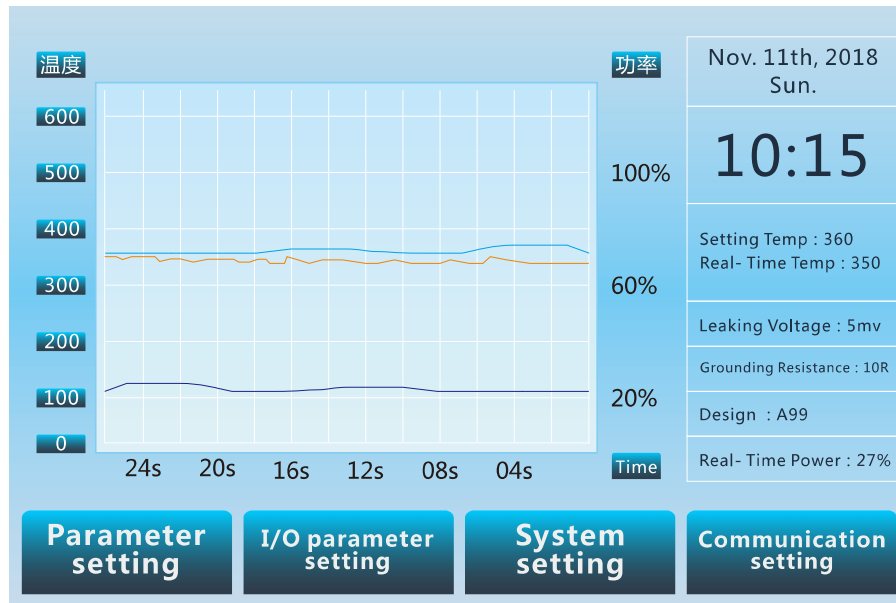
Soldering handle has high end protective circuit, to solve heating element's short circuit, wrong placement of handle wire.



Features

- 150 W heating element, full load power output.
- Self-test and auto protection.
- Network monitoring, data collect and analysis.
- Wifi and local network communication.
- Wireless and wire network.
- 10M-100M/2.4G network.
- Remote network control.
- RS 485 standard communication agreement and soldering robot communication.
- Automatic adjust soldering parameter, processing soldering tech data.
- Alarm system and connect to additional alarm systems.
- Automatic temperature calibration.
- Ground temperature control testing (electric resistance and leakage voltage).
- Soldering voltage status feedback, digital output feedback.
- Soldering element lifetime alarm.
- Soldering temperature graphs display.
- English and Chinese switchable; Fahrenheit and Celsius switchable.
- Stable temperature and auto heat recovery.
- Normal and abnormal working status output.
- Soldering tech parameter editing.
- Soldering station over heat alarm.

Interface display



Different welding requirements can be configured with process files, and can be directly referenced to the process configuration when needed.

Specifications

Model	U180
Operating Temp	-10~45°C
Operating Humidity	45~80%RH
Max Voltage	AC230V
Max Fuse	AC250V/1.5A(Max)
Host Max power	180W
Max Output	AC24V±1V
Max Handle Power	150W
Temp Range	50~550°C/122~1022°F
Temp Stability	±2°C(Static)
Temp Calibration Range	±50°C/±90°F
Network Communication	Wired/wireless
Network mode	Ethernet/2.4G WIFI
Grounding Resistance/ Leaking Voltage	4Ω/2mV
I/O Accepted Voltage	DC24V(PLC control voltage)
I/O Accepted Current	10mA-3mA(PLC control current)
Dimension	116(L)X126(W)X272(H)mm