

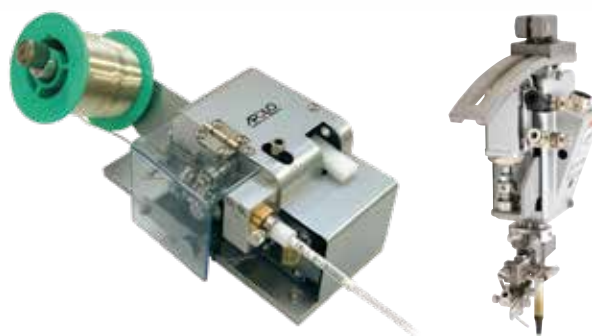
OMEGA

Soldering Unit

The Omega system has been designed exclusively for automated soldering. This soldering unit can be widely adapted for use in semi & fully automated systems, Desk-top robots, linear actuators and special purpose machines.



OMEGA is a new soldering unit compatible with MODBUS TCP/IP and Industry 4.0. The improved temperature controller has an auto tuning function, and the new touch panel attains an intuitive operation.



Type	OMEGA	
Power Source	AC85~264V(Single Phase)	
Power Consumption	375W	
Air Supply	0.4~0.5MPa (Dry & Clean Air)	
Solder Wire Diameter	φ0.4~2.0mm (Select 1 type) φ0.3 (Optional)	
Solder Condition	297 conditions Point:99/ Slide:99/ Special:99	
Setting Temperature	0~500°C	
Heater Capacity	200W (Max.)	
Solder Step	9 Steps	
Wait Temperature	250°C (Adjustable)	
External Start Box	Optional	
Dimensions (W×D×H)	110×200×280mm	
Weight	Controller	3.8kg
	Feeder	1.3kg
	Iron Unit	0.8kg

Configuration

OMEGA - LSP + +
or LCO+ Iron Unit Solder Diameter

L:Vertical

SP: Feeder and controller separate type

CO: Feeder and controller combined type

Components

OMEGA Controller
RSP/RSL Iron Unit
Solder Wire Feeder
Solder Wire Feeding Tube
Iron Unit/Feeder signal Cable
Air Tube for Iron Unit
Power supply Cable

TERRA / LUNA

Soldering Unit

TERRA

The 297 soldering profiles can be customized to provide a solution for all types of soldering application challenges. Our 200 watt heater addresses the requirement to solder large thermal mass components and can feed a range of solder diameter between 0.3~2.0mm.



Type	TERRA
Power	AC85~264V(Single Phase)
Power Consumption	240W
Air Supply	0.4~0.5 MPa
Solder Wire Diameter	0.4~2.0mm Select 1 type 0.3mm (Optional)
Solder Conditions	297 conditions Point:99 / Slide:99 / Special:99
Setting Temperature	0~500°C
Heater Capacity	200W (Max)
Solder step	9 Steps
Wait Temperature	250°C (Adjustable)
External Start Box	Optional
Controller Weight	4.3 kg
Feeder Unit Weight	1.3 kg
Iron Unit Weight	0.8 kg

Configuration

TERRA - SP + +
Iron Unit Solder Diameter

SP: Feeder and controller separate type

Components

TERRA Controller
RSP/RSL Iron Unit
Solder Wire Feeder
Solder Wire Feeding Tube
Iron Unit/Feeder signal Cable
Air Tube for Iron Unit
Power supply Cable

LUNA

This unit is equipped with a color touch panel and parameter control, similar to the TERRA. You can select the Luna controller orientation from Vertical & Horizontal options.



Type	LUNA
Power	AC85~264V(Single Phase)
Power Consumption	154W
Air Supply	0.4~0.5 MPa
Solder Wire Diameter	0.4~1.6mm Select 1 type 0.3mm (Optional)
Solder Conditions	7 conditions Point 4 / Slide 3
Setting Temperature	0~500°C
Heater Capacity	130W (Max)
Solder step	9 Steps
Wait Temperature	250°C (Adjustable)
External Start Box	Optional
Controller Weight	3.5 kg
Feeder Unit Weight	1.3 kg
Iron Unit Weight	0.8 kg

Configuration

LUNA - LSP + +
or SSP + +
or LCO
Iron Unit Solder Diameter

L:Vertical S: Horizontal

SP: Feeder and controller separate type

CO: Feeder and controller combined type

Components

LUNA Controller
RSP/RSL Iron Unit
Solder Wire Feeder
Solder Wire Feeding Tube
Iron Unit/Feeder signal Cable
Air Tube for Iron Unit
Power supply Cable