

RO06-plus Batch Reflow Oven

Version 1 • March 8, 2007

Configuration

		RO06-plus
Machine base	Convection heating zones	1
	Convection cooling zones	1
PCB Handling	Automatic drawer	●

● standard feature ○ optional feature

Specifications

		RO06-plus
Control	Type	Microprocessor
	Languages	English, German, French
	Temperatures selectable	°C, °F
	Program capacity	35 (10xpreset solder, 10xpreset curing, 15xfree)
Substrate dimensions	Max. PCB size	400x300 mm (15.7x11.8")
	Max. PCB height	30 mm (1.18")
Drawer	Drawer size	440x350 mm (17.3x13.8")
	Entrance height	30 mm (1.18")
Machine dimensions	Footprint	620x910 mm (24.4x35.8")
	Machine height	430 mm (16.9")
	Weight	72.5 kg
Supplies	Electrical	EU: 230 VAC, 50Hz, 16 A US: 208 VAC, 60 Hz, 16 A
Environment	Noise level	<60 dB (A)

Heating zone specifications

Temperature Profile	Standby	Preheat 1	Reflow	Cooling
Type	Convection/ Infrared	Convection/ Infrared	Convection/ Infrared	Convection
Max. Temperature setting	300°C	300°C	300°C	300°C
Regulation	+/- 3°	+/- 3°	+/- 3°	--
Ramp times	--	1-600 Sec.	1-600 Sec.	--

Option specification

Option	Value	Specification
Flying thermocouples	Order number	RO06-1
	Type	NiCrNi
	Length	2 m
	Quantity	2
	Temperature display	Directly on the on the integrated LCD Panel or optional importable into RO-Soft
RO-Soft profiling software	Order number	RO06-SOFT-2
	Measure channels	3 (2 for thermocouples, 1 for zone temperature)
	Recording time	up to 180 hours
	Data export format	.pdf (pdf writer necessary on the PC), .csv (for excel import)
	Delivered with	RS232 connection cable, SUB-D Adapter 25pin-9pin
	PC requirements	Pentium 3 or better
	System requirements	Option RO06-1-1 (Flying Thermocouples)
Exhaust connection	Order number	RO06-3
	Dimensions	Diameter: 80 mm, length: 45 mm
	Location	back side

Packing information

Specification	Value
Box (LxWxH)	1200x830x66 mm
Weight	114 kg