



Durable stainless made pots. Quick response to match the set temperature with the PID control circuit (POT-100C, 200C, 350C). Alarm lamps built-in for unusual temperature warning (POT-100C, 200C, 350C).

POT-100C/ 200C/ 350C

■ FEATURES



POT-100C



POT-200C



POT-350C

- Dual digital displays provide temp. setting value and measured value visually.
- PID control system reduces deviation between solder temperature and setting temperature.
- No need to monitor the temperature.
- Excellent accuracy of setting value and measured value at a very minimal tolerance of $\pm\{(displayed\ value \times 1.25\%)+1^{\circ}C\}$
- Built-in warning lamp to detect beyond the upper and lower limit temperature range.
- Adopts a durable sheathed heater. (POT-350C)
- Stainless steel solder pot with superior durability and corrosion resistance.
- Separated structure of solder pot and heater allow simple replacement of each part. (POT-100C, 200C)
- Replacement parts : Heater, Solder pot, Sensor and Heat insulation board.

Parts names and functions of control panel (Common to all models)



1. Set (SET) key
Registration of set value
Changing modes and parameters
Changing PV. SV. display mode or setting mode of parameters.
2. Setting digit shift key
Changing set value, move the cursor to the digit to be changed.
3. Set value decrement key
For decreasing value when changing the set value.
4. Set value increment key
For increasing value when changing the set value.
5. Measured value (PV) display unit [Green]
Display measure value (PV).
Display parameter symbol in the parameter setting mode.
6. Set value (SV) display unit [Orange]
Display set value (SV).
Indicates the set value of the parameter symbol displayed on (PV) display unit in parameter setting mode.
7. Control output (OUT) lamp [Green]
Lights up when the control output is ON.
8. Auto-tuning (AT) lamp [Green]
Flickers in the auto tuning mode.
9. Alarm (ALM) lamp [Red]
Lights up when the alarm is ON.

■ SPECIFICATIONS

SPECS / MODEL	POT-100C	POT-200C	POT-350C	
Voltage	110-130V AC, 220-240V AC	110-130V AC, 220-240V AC	220V AC	240V AC
Power Consumption	440W	720W	2.1kW	2.5kW
Max. Temperature	350°C	400°C	350°C	
Control System	PID Control			
Dimensions / mm	220(L) x 350(W) x 127 (H) mm	210(L) x 446(W) x 127 (H) mm	568(L) x 370(W) x 160 (H) mm	
Solder Pot Dimensions	91 (L) x 135(W) x 60(H) mm	130(L) x 180(W) x 60(H) mm	300(L) x 300(W) x 82(H) mm	
Weight	Approx. 4kg	Approx. 5.5kg	Approx. 13kg	
Max. Solder Volume	Approx. 5.5kg	Approx. 9.5kg	Approx. 50kg	
Solder Pot	Stainless Steel			
Set Accuracy	±[(1.25% of display temperature)+1°C]			
Power Cord	3 core cord ground plug		3 core cord without plug	

PARTS

POT-100C Heater	POT-100CH
POT-200C Heater	POT-200CHS
POT-350C Heater	POT-350CH
Other parts	Solder pot, Heat insulation board, Sensor
Ground Plug Adapter	P-10

PCB HOLDER FOR DIPPING

PCB-1



Holds the PCB firmly.

For detail information, please visit <http://www.eastco-hk.com>

EASTCO LIMITED	儀 高 儀 器 有 限 公 司		
	HONG KONG HEAD OFFICE: NO.11 20/F., WING FUNG IND. BLDG., 40 - 50 SHA TSUI ROAD, TSUEN WAN N.T., HONG KONG TEL: (852) 2456 1823, 2456 1842 FAX: (852) 8148 6856 E-MAIL: info@eastco-hk.com	SHENZHEN OFFICE: 8/F, BLDG. 616, 1st BAGUA ROAD, FUTIAN DISTRICT, SHENZHEN, CHINA POSTAL CODE: 518029 TEL: (86-755) 8226 7541 FAX: (86-755) 8241 3857 E-MAIL: shenzhen@eastco-hk.com	SHANGHAI OFFICE: ROOM 1810, 701 HUTAI ROAD, SHANGHAI, CHINA POSTAL CODE: 200072 TEL: (86-21) 5653 6311 FAX: (86-21) 5653 6309 E-MAIL: shanghai@eastco-hk.com