



3 YEAR
WARRANTY

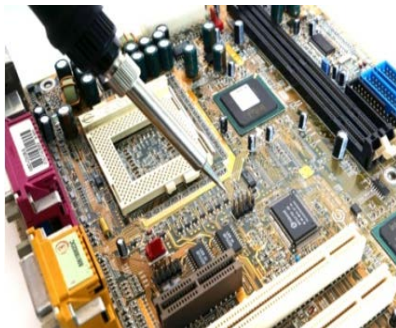


ENGLISH

Datasheet

Stock No. 176-5834

RS PRO LCD Smart Soldering Station 75 W



Specifications

Article Number	176-5834
Plug type	B and C
Primary Application Category	Soldering
Input Voltage	AC 220 – 240 V 50 Hz
Output Power	500°C±10°C
Maximum Operating Temperature	30 °C±10°C
Minimum Operating Temperature	Microprocessor-controlled
Control system	LCD 74 x 40 mm, 256 x 128 dot. Backlight
Display	±0-200°C (32-392°F)
Temperature calibration	±20C/±36°F (no load)
Temperature stability	High end quad-wire Heater
Heating element	OFF, 1-360 min. adjustment
Sleep mode	30-400°C/86-752°F
Temperature of sleep mode	OFF/1-360 min adjustable
Auto power off	100 seconds
Time to hit max. temperature	DC 5 V/1 A
USB port output	3 sets
Memory	≤ 2 Ω / ≤ 2 mV
Tip-to-Ground resistance	2 (Iron and USB output)
Number of Outputs	LCD
Display Type	
ESD Safe	10 ⁶ -10 ¹⁰ Ω
Height	106 mm
Width	150 mm
Depth	180 mm
Weight	2.36 kg

EU B & C Type Plug



Features:

Microprocessor controlled

Features stable, accurate temperature control.

Large LCD display with shuffle knob design

Large backlit screen with adjustable brightness.

Designed with shuffle knob for easy setting and more convenient and user friendly.

USB port built-in DC 5 V/1 A USB port for power supply.

Auto sleep and wake up function, auto power off, system lock and tip calibration.

3 x data memories, store and recall frequently used temperature values.

Quad-wire heating element for fast heat recovery.

Contents List:

Soldering Station

Soldering Iron

Iron Holder (with sponge)

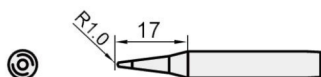
Manual

2 x Power Cord (UK Type G Plug and Euro Type F Plug)

Alligator Clip

Ground Wire












Soldering Tip: Conical



Accessories:

RS Article Number	Description
179-0018	Replacement Soldering Iron for 176-5834
771-9546	Soldering Iron Holder
136-8299	Solder Tip Cleaner
818-3207	Lead Free Tip Tinner

NOTE: Please ensure only the correct wattage replacement soldering iron (75 W) is used with this base unit

	Description	Type	Size	Tip Dimensions (mm)
799-8973 	Soldering Tip, Chisel, 0.094 in/2.4 mm	Chisel	0.094" (2.4 mm)	
799-8976 	Soldering Tip, Conical,	Conical	0.008" (0.2 mm)	
799-8979 	Soldering Tip, Chisel, 0.047 in/1.2 mm	Chisel	0.047" (1.2 mm)	
799-8982 	Soldering Tip, Chisel, 0.126 in/3.2 mm	Chisel	0.126" (3.2 mm)	
799-8985 	Soldering Tip, Chisel, 0.031 in/0.8 mm	Chisel	0.031" (0.8 mm)	
799-8989 	Soldering Tip, Sloped, 0.08 in/2 mm	Sloped	0.08" (2 mm)	