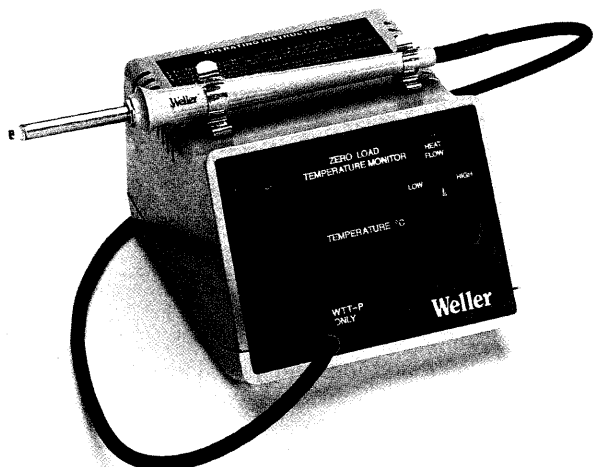


# WTT1500 Zero load electronic temperature measuring system



A portable, fast temperature measuring system. Designed for low mass miniature soldering iron tip temperature measurements. Provides accurate measurement in less than 10 seconds. Does not heat sink the measured item. Has its own internal heat source and dual sensor system that measures both temperature and heat flow. The temperature measurement drives the digital display and the heat flow measurement controls the heat source in the probe such that heat flow from the measured item is held very close to zero. LED readout of measured temperature has a resolution of 1°C and the power being proportioned to the heater is shown by a red LED indicator. High range switch allowing probe to idle at approx. 170°C shortens time to reach tip temp. Response is maintained within specification over line voltage variation of 10% and an ambient temperature range of 15°C – 43°C.

Zero voltage switched thyristor ensures no high voltage spikes or magnetic fields will be present at the tip. Probes are interchangeable without re-calibration. Power unit output voltage: isolated 24 VAC (full load). Fitted with 230/120 voltage selector switch.

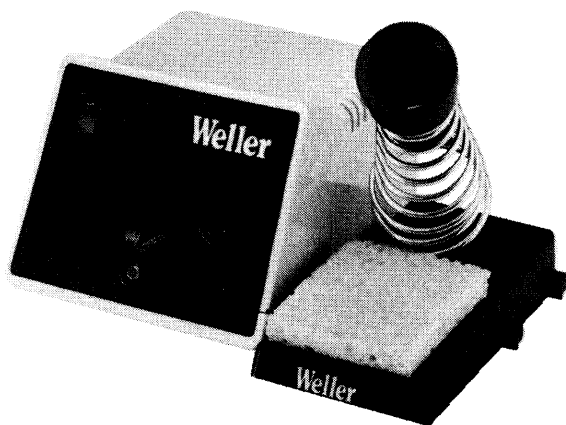
Cat. No.	W	V
WTT1500	13	230/120

#### Accessories

WTT-P	Temperature Probe
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## Low voltage equipment (Closed-loop Magnastat principle) PS2 and PS3 Power units



For standard 24 volt TCP soldering irons. Complete with clip-on safety bench holder. All mains leads are 1m in length.

#### Features:

- Full 50 VA power
- On/off illuminated power switch
- External fuse access
- Thermo-plastic case
- Bench holder clips to either side of unit or can stand alone
- Reinforced spring holder prevents flex from entangling in spring
- Easy to service
- Full range of spares
- All components replaceable
- 4mm earthing socket (PS2 series only)
- BS1363A plug fitted

#### 2 wire series

Cat. No.	V		Cycle	No. of wires
PS-2D	230	AC only	50	2
PS-2E	120	AC only	50	2

PS-2 series if fitted with additional 4mm socket to enable tip to be earthed to workbench static earth. Class II transformer to B.S. 3535. Iron not included.

#### 3 wire series

Cat. No.	V		Cycle	No. of wires
PS-3D	230	AC only	50	3
PS-3E	120	AC only	50	3

PS-3 series is grounded for applications requiring mains earth tip. Class II transformer to BS 3535. Iron not included.



**Desoldering Station Spares**

Spare Description	WMD3	WMA1	DS801	DS811	DS900	DS900P
Aluminium Baffle			510974	510974	-	-
Clean Out Tool			DS205	DS205	DS205	DS205
Desoldering Headset			DS122	DS122	DS121	DS121
Filter Cartridge			SK1307	SK1307	-	-
Filter Cartridge Disc			SK1308	SK1308	-	-
Finger Switch			510992	510992		
Foam Sleeve			511017	511017	511017	
Footswitch			DS109	DS109	DS109	DS109
Gaskets			G3104	G3104	F49	F49
Glass Tube			DS203	DS203	DS103	DS103
Heating Element			510744	510744	HE-1	HE-1
Mineral Wool			MW100	MW100	MW100	MW100
Pump			5871170S	5871170S	-	5111560
Solenoid			-	-	SK910	-
Sponge			511518	511518	511518	511518
Switch Assembly/Sensor			SW5	SW5	SW1	SW1
Switch Button			5109931	5109931		
Vacuum Tube			VT1	VT1	VT1	VT1
Vanes x 3			513619	513619	-	-
Venturi			-	-	SK912	-

N.B Contact the Service Department for advice on any spare part not listed above. Telephone (0191)-4166062 Fax (0191) 4169286

**Power Unit Spares**

Spare Description	PS-2D	PS-2E	PS-3D	PS-3E
Case Bottom	511041	511041	511041	511041
Case Top	511045	511047	511044	511046
ESP 4 mm Socket	511053	511053	-	-
Front Panel	511049	511049	511048	511048
Funnel	510185	510185	510185	510185
Fuse	511511	511656	511511	511656
Fuse Holder	511059	511059	511059	511059
illuminated Switch	511512	511512	511512	511512
Mains Lead	511050	511050	511051	511051
Power Unit Socket	510352	510352	510352	510352
Sponge	511518	511518	511518	511518
Spring	511060	511060	511060	511060
Strap	511058	511058	511058	511058
Transformer	511502	511503	511502	511503
Transformer Mounting Screw	511052	511052	511052	511052

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