

Continuously temperature controlled PU 51 Power/Control Unit with galvanic separation and power spikes interference suppression circuit, in antistatic housing to meet ESD safety requirements

KH 20 Die Cast Heavy duty Support Rack with Natural Cellulose Cleaning Sponge

Long life, most commonly used ET-B Soldering Bit, 2.4mm wide

versatile LR 21 Antistatic Soldering Pencil, accepts wide range of attachments

Features

- German Protection Class 1 Transformer
- ESD safe Antistatic Housing
- Temperature control infinitely variable from 150°C-450°C with potentiometer
- All Temtronic tools up to 80W can be connected
- Temperature Accuracy: $\pm 2\%$ of final value
- Visual Control with LED
- Equipotential balance (normal state Hard Grounded)
- Includes Safety type Support Rack for Soldering Pencil
- Dimensions:
- 166x115x101 mm (LxWxH)

Weller WS 51 versatile Temperature Controlled Soldering Station

Weller WS 51 Soldering Station is completely ESD safe in working. Zero cross-over switching and galvanic separation of mains transformer, eliminate voltage transients to the soldering tip. Potential balancing for ESD safe working can be customized by increasing the plug into the jack located on the rear side of the Control Unit






Unique Double Walled High Mass Nichrome Heating Element of Antistatic Soldering Pencil LR 21, stores heat energy to provide continuous soldering and reliability of each solder joint.

Blinking LED on the front panel indicates that the set temperature is attained and the Soldering Pencil is ready for use.

Scope of Supply:

- PU 81 Power & Control Unit
- ET-B Screwdriver Soldering Tip (2.4mm)
- Cleaning Sponge
- LR 21 Soldering Pencil (245V/50W)
- KH 20 Support Rack
- Operating Instruction Manual

Recommended attachments for WS 51 Soldering Station:

| | |
|---|---|
|  | ET-A Screwdriver 1.6mm Soldering Bit for fine soldering ET-B Screwdriver 2.4mm Soldering Bit for regular soldering |
|  | ET-K Long Screwdriver 1.2mm Soldering Bit for difficult-to-access soldering points on PCB |
|  | ET-S Round 0.4mm Soldering Bit for super fine soldering jobs |
|  | ET-GW SMD Soldering Bit for surface mount soldering |
|  | DS 7EC Desoldering Assembly (used with LR 21 Soldering Pencil) for desoldering leaded thru-hole components |

Soldering Tips

for soldering pencil LR 21



| Description | Width | Type | Order No. for regular solder | Order No. for HPB solder |
|---|--|--|--|--|
| Screwdriver tip | 0,8 mm 1,6 mm 2,4 mm 3,2 mm 4,6 mm 5,6 mm | ET H ET A ET B ET C ET D ET E | 5 41 000 99 5 41 001 99 5 41 002 99 5 41 003 99 5 41 004 99 5 41 005 99 | 5 41 000 74 5 41 001 73 5 41 002 71 5 41 003 72 - - |
| Long screwdriver tip | 1,2 mm 2,0 mm 3,2 mm | ET K ET L ET M | 5 41 006 99 5 41 007 99 5 41 008 99 | - 5 41 007 73 - |
| Round tip, blunt | 0,8 mm 2,4 mm 3,2 mm 5,0 mm | ET P ET BS ET CS ET DS | 5 41 038 99 5 41 009 99 5 41 010 99 5 41 011 99 | - - - - |
| Sloped round tip | 0,8 mm 1,2 mm 2,4 mm 3,2 mm | ET AA ET F ET BB ET CC | 5 41 031 99 5 41 012 99 5 41 055 99 5 41 013 99 | - - - - |
| Conical long tip | 0,8 mm 0,4 mm | ET O ET S | 5 41 014 99 5 41 017 99 | - - |
| Screwdriver tip | 1,6 mm | ET R | 5 41 015 99 | - |
| Flat tip, slightly bent, one side wettable only | 3,2 mm | ET MX | 5 41 016 99 | - |
| Chip soldering/desoldering tip | 2,5 x 1,5 mm 3,8 x 1,5 mm | ET SMD ET SMD | 5 41 039 99 5 41 040 99 | - |
| Soldering tip for J-Leads | - | ET JL | 5 41 018 99 | - |
| Soldering tip for Gullwings | - | ET GW | 5 41 045 99 | - |
| ET Calibration nozzle | - | - | 5 24 750 99 | - |