



# EB-2000S

## Soldering Station



### EB-2000S

**ESD  
FREE**    **LEAD  
FREE**

The EB-2000S is based on Curie Heat Technology which responds to the thermal demands of each solder joint by adjusting the power instantaneously, thereby meeting the exact requirements of the substrate component and solder material.

- ▶ Curie Heat Technology operating at 470KHz.
- ▶ Max flexibility, allows the use of EK, EP, ES Series.
- ▶ Extremely compact, weighs just 1.3KG.
- ▶ No calibration or operator training required.
- ▶ No additional coil assembly costs.

### SYSTEM CONFIGURATIONS

| Model Number | Handpiece | Tip Cartridge | Connector |
|--------------|-----------|---------------|-----------|
| EB-2000S-K   | SHP-K     | EK Series     | 3-Pin     |
| EB-2000S-PM  | SHP-PM    | EP Series     | 8-Pin     |
| EB-2000S-SM  | SHP-SM    | ES Series     | 8-Pin     |

### EB-2000S SPECIFICATIONS

|                             |           |                                |
|-----------------------------|-----------|--------------------------------|
| Input Line Voltage:         | EB-2000PS | 100-240 VAC, 55W               |
| Surface Resistivity:        |           | $10^5 - 10^9 \Omega/\text{sq}$ |
| Tip to Ground Potential:    |           | <2mV, true RMS 50-500Hz        |
| Tip to Ground Resistance:   |           | <2 Ohms DC                     |
| Idle temperature Stability: |           | +/- 1.1 °C (2 °F) in still air |
| Max Enclosure Temperature:  |           | 50 °C (122 °F)                 |
| Fuse:                       | EB-2000PS | 250V 1A "Slo-Blo"              |
| Output Power (Maximum):     |           | 50 Watts                       |
| Output Frequency:           |           | 470 KHz                        |
| Size (W x H x D):           |           | 110mm x 155mm x 92mm           |
| Weight:                     |           | 1.30 KG                        |
| Input Line Frequency:       |           | 50/60 Hz                       |

### PACKING LIST

|           |                            |
|-----------|----------------------------|
| EB-2000PS | Power Supply               |
| SHH-4     | Soldering Handpiece Holder |
| SHP-K     | Soldering Handpiece        |
| RMP-1     | Tip Removal Pad            |
| BC-1      | Brass Curls                |
| SPG-1     | Sulphide Free Sponge       |
| CC-1      | Connection Cable           |

### CERTIFICATION MARKS



\*Tested & certified by TUV-SUD

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