

XY 137 ESD

DIGITAL SOLDERING STATION



SPECIFICATIONS		
Model		137 ESD
Main power	VAC	As requested
Heater output	VAC	24
Heater power	Watts	60
Soldering Iron		107ESD
Temperature range		200-480°C (392-896°F)
Standard tip	*	44-510601 (B01)

EASY TO READ

The Auto-Temp 137ESD provides an "Easy to Read" Digital temperature indicator, a detachable 60W solder wand complete with tip, and a "Set and Forget" temperature control that allows a precision accuracy "On Demand" heat setting range of between 200 °C and 480 °C (392°F to 896°F).

ISOLATED & HIGH IMPACT

The power unit is isolated from the A.C. line by a high quality transformer and only 24 Vac voltage is used to drive the heating element. The tough plastic PC housing is stronger to better withstand high impact bumps and abrasions. All materials meet UL standards.

ESD SAFE

137ESD exceeds all soldering equipment military specifications regarding electro static sensitive devices for critical applications where unwanted static discharges may damage components.

LOCK-OUT FEATURE

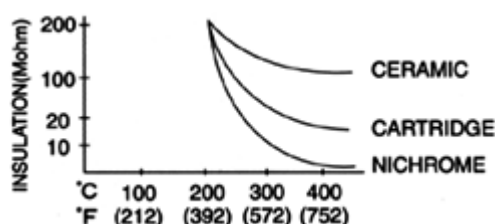
Auto-Temp soldering stations are constructed with a lock-out feature to allow supervisors the ability to set and lock the stations at a specific temperature. This is accomplished with a special size allen head screw located on the front of the panel.

TEMPERATURE STABILITY

Precision "Tip Temperature" Accuracy is mastered to within $\pm 3^{\circ}\text{C}$ (6°F) utilizing state of the art circuit technology and a built in P.T.C. sensor, located at the end of each ceramic heater shaft for accurate temperature control.

HIGH INSULATION

Superior Ceramic heater insulation rated over 100 M ohms at 400 °C (750 °F)



HEAT-UP AND RECOVERY

Incorporates a long life Japanese made ceramic heating element with fast heat-up, fast recovery and exacting temperature control with minimal overshoot. Heat-up time to working temperature is attained in about 45 seconds.

SPIKE FREE CIRCUITRY

"Zero Voltage" switching and fully grounded design meets military application standards for protection of electro-sensitive devices against line transience and voltage spikes. Tip leakage is less than 0.4 millivolts or 0.5 ohm resistance.

LIGHTWEIGHT SOLDERING IRON w/Burn Proof Cord

Ergonomic mini handle that stays cool. Handle assembly cord is made from silicone rubber that won't be damaged when coming into contact with high temperature irons.

EXTERNAL CALIBRATION PORT

A calibration port is located on the face of the unit thus temperature adjustments are quick and convenient.