



AUTO-TEMP 137ESD ELECTRONIC TEMPERATURE CONTROLLED SOLDERING STATION

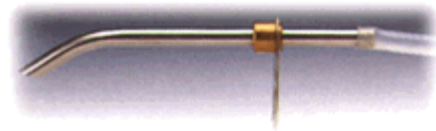


Auto-temp 137ESD temperature controlled soldering station was developed to meet the present and future needs of the electronic production industry, service technician and the hobbyist. The detachable soldering iron is engineered with a highly insulated ceramic heating element, incorporating a state of the art P.T.C. sensor to insure accurate temperature performance. Auto-Temp 137ESD is constructed of high quality materials, workmanship and incorporate the following features:

SPECIFICATIONS

Model	137ESD
Main power	As requested
Heater output	24 Vac
Heater power	60 Watts
Soldering iron	107ESD
Temperature range	200-480°C (392-896°F)
Standard Tip	★44-510601 (B01)

OPTIONAL FUME EXTRACTOR AND SMD TIPS



Easily Assembled Fume
Extractor Kit is Optional
Part #XYF-EA

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).

ESD SAFE

137ESD exceeds all soldering equipment military specifications regarding electro static sensitive

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.

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

devices for critical applications where unwanted static discharges may damage components.

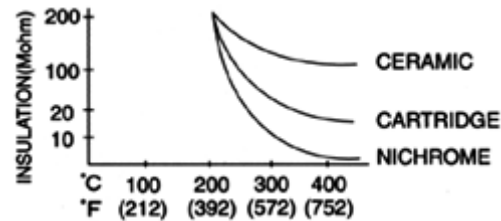
special size allen head screw located on the front of the panel.

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 Mohms 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 SOLDERING IRON

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.