

Circuit Specialists

CSI900+

**Hot Air & Soldering Iron Combo
Rework System with Digital Display**



Thank you for purchasing this soldering equipment product
from Circuit Specialists.

IMPORTANT: This equipment is shipped with shipping bolt(s) intended to secure the diaphragm Pump. These bolts are designated by red coloring and can be found on the base of the unit. These red bolts must be removed prior to using this equipment. Damage may occur if this is not accomplished.

for customers living in the USA



CircuitSpecialists

for customers living in Europe



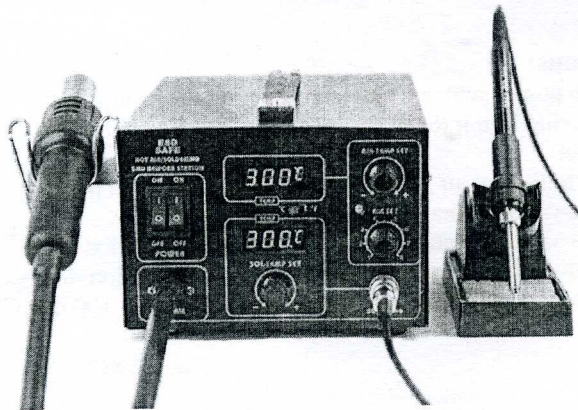
Circuit Specialists Europe

The CSI900+ is a versatile rework system that incorporates a hot air system and a soldering iron station into one convenient package. Convenient digital temperature displays may be set in Celsius or Fahrenheit scales. The system implements a SAMSUNG SCM, PID program to track the hot air heating element temperature and soldering iron heating element temperature in real time allowing the system to quickly adjust the temperature as needed. The hot air gun employs an auto cool down feature when the hot air power switch is turned off, the air continues to blow until the heating element is cooled to 100 Deg C. This feature helps preserve the heating element.

Basic Instructions:

- Turn the main power switch located on the back of the unit to the “on” position
- Plug the soldering iron into the soldering iron receptacle located on the lower right of the front panel
- Apply power to the hot air section by turning on the front panel power switch located on the left (as you face the unit)
- Adjust the hot air temperature using the rotary knob labeled “Air-Temp Set”
- **Note:** When turning the hot air section to the “off” position, the hot air gun will continue to blow air to cool down the heating element to 100 deg C before it stops blowing.

- Adjust the hot air flow by turning the knob labeled “Air-Set”
- Turn the soldering station on using the power switch located on the right on the front panel
- Set the temperature of the soldering iron by turning the button marked “Sol-Temp Set”



Basic Electrical Specifications:

Machine

Rated Voltage	110V \pm 10% for units sold from the USA AC 220V \pm 10% for units sold from the U.K
Machine Power	700W \pm 10% (max.)
Constant Power (rapid PID control energy saving)	200W \pm 10%
Insulation Test	AC1500V 0.4A 60S
Working Environment	0 ~ 40°C Relative humidity < 80%
Storage Temperature	-20 ~ 80°C Relative humidity < 80%
Machine Size	25.5*18.8*12.5cm
Weight	5.2KG

Parts

Item	Hot air gun section	Soldering iron section
Working Voltage	AC 110V±10% sold from USADC AC 220V±10% sold from Europe	26V±10% 60/50Hz
Output Power	550W	50W
Temperature Range	212°F ~ 842°F 100°C ~ 450°C	392°F ~ 896°F 200°C ~ 480°C
Mode of Airflow	Diaphragm pump	—
Airflow	24L/min (max.)	—
Temperature Stability	±15°C (static)	±10°C (static)
Display	Red/green LED screen	Red/green LED screen
Heater	Ceramic skeleton heater	High-powered ceramic element
Temp Correction proofreading	PID digital program proofreading	PID digital program
PID Temperature Cycle	Every 200ms	Every 200ms
Tips to Ground Impedance	---	<2Ω
Tips Voltage to Ground	—	<2mV

Limited Warranty Statement:

This product has a limited warranty of 1 year from the date of the original purchase receipt. Excluded from this warranty are any consumables such as soldering tips and heating elements. Should the main body fail during the warranty period, Circuit Specialists will, at it's option repair or replace the damaged unit. This warranty applies only to manufacturing defects. Damage caused by misuse, physical trauma etc is excluded. To receive warranty service, the unit must be returned to the point of purchase. The end user will be responsible for the shipping costs (if any) while Circuit Specialists will be responsible for the return shipping costs. Please check with your respective retailer for appropriate Return Authorization Procedures.

