SOLDERING & DESOLDERING STATION (ASE-3101)

FEATURES:

1. Using Japanese-made ceramic heaters, which are highly isolated, the insulation rated over 100 M at 752℉ (400℃) . PTC provides fast heat up and heat recovery. The life of the heaters is much longer than traditional nickel chrome element wires.
2. Completed with an inner vacuum pump of high capacity of suction which is better for multi-layers circuit boards.
3. The handgrip is well designed by ergonomics and has a stream line shape, which is light in weight and easily grasped. Even after long period of using, the handgrip never needs to be heated.
4. Digital display shows the temperature of using at the moment.
5. The" P.I.D." temperature control and" R.T.D" closed circuit control provide an extremely precise temperature control that assures an accurate steady temperature.
   Zero voltage switching ensures low noise and greater protection on components.
6. The model has power saving equipment that operates as when the station has not been used for more than 10 minutes, the station will decrease the temperature automatically to a certain steady level, which can greatly help to prolong the life of nozzle and heater.
7. Heater is be driven by using only 24V low voltage power to assure safety while is on the jobs. No leakage of power, no harm to human.

PRECAUTIONS:

1. For regular operation of desoldering, 716℉ to 7 52℉ (380℃ to 400℃) is recommended. For multi-layers and larger joints, 788℉ to 842℉ (420℃ to 450℃) is re commended.
2. The light of "PAUSE" is on the lower part of the panel, at the moment of the green light has brighten, that means the station has not been used for over 10 minutes. The temperature of the tip is automatically lowered down to a secure level. Such function is for prolonging the life of the tip and saving power. Push the switch of handgrip, the tip will get back to the preset temperature. Note: This option is not always available even when is written “PAUSE”. Green light won’t bright.
3. If the capability of suction is weaker or completely lost, it could be the bore of desoldering tip clogged. Please use the cleaning pin set.
4. Filter cartridge has a special design. Please set the arrow toward right direction.

SPECIFICATIONS:

Model No.	ASE-3101	
ACINPUT	110-120V AC 60Hz	
Power Consumption	24VAC/60W	
Temperature Range	Soldering: 392℉ to 932℉	Des oldering: 572℉ to 8 42℉
	200℃ to 500℃	300℃ to 450℃
Iron Assembly Part	ASE-3101-H3	ASE-3101-H2
STANDARD TIP	90M-T-B	80T-12
WEIGHT	6.5kg / 14.3 pounds	
DIMENSIONS	L240 x W220 x H170 (mm) / 9.5" x 8.7" x 6.7" (inches)	
Heating Element	Japanese-made Ceramic Heater	

DESOLDERING STATION (ASE-2101)

FEATURES:

1. A Japanese-made ceramic heater, which is highly isolated, provides fast heat up and heat recovery.
2. The temperature is electronic controlled analog display. The temperature range is 572℉ to 842℉ (300℃ to 450℃) .
3. Completed with an inner vacuum pump of high capacity of suction, which is better for multi-layers circuit boards.
4. Zero voltage switching ensures low noise and greater protection on components.
5. The handgrip is well designed by ergonomics and has a stream line shape, which is light in weight and easily grasped. Even after having been used for a long period, the handgrip never is heated.
6. The desoldering station incorporated with a temperature control lock to avoid the unwanted temperature adjustment by the operator.

SPECIFICATIONS'

Model No.	ASE-2101
ACINPUT	110-120V AC 60Hz
Power Consumption	45W at 662℉ / 350℃
Temperature Range	572℉ to 84 2℉ (300℃ to 450℃)
Desoldering Iron	ASE-2101-H2
STANDARD TIP	80T-12
WEIGHT	1.0kg / 2.2 pounds
DIMENSIONS	L x W x H= 6.7" x 4.7" x 4.1" (inches) 170 x 120 x I05 (mm)
Heating Element	Japanese-made Ceramic Heater

OPERATING INSTRUCTIONS:

1. Plug one end of power cord into the back of station, another end into a proper power source.
2. Plug power cords of the handgrip and silicon pipe separately into the joint points located on the lower part of panel.
3. Set the power switch, which is located on the left lower part of panel, to "ON "position.
4. Wait until the real temperature of tip get to the desired temperature, the procedures of desoldering may be started. Place the bore of the desoldering tool tip over solder of components, insert and at the time the solder melts, gently pull the vacuum trigger switch to allow the pump to suck the molten compound away.

ASE -3101: Turn "SET/READ" switch to "SET" position. Adjust temperature control knob to set the desired temperature on digital display. Then turn "SET/READ" switch to "READ" position. The display shows the real temperature of the tip.

ASE -2101: Turn the knob to the desired temperature. Please start desoldering job when the temperature reached the pre-set temperature.