

BlackJack SolderWerks BK8000 Dual Port / Dual Pump Repairing System

INSTRUCTION MANUAL

Thank you for purchasing the BlackJack BK8000 Repairing System.
Please read this manual before operating the equipment.
Keep manual in accessible place for future reference.

NOTE: Please remove the screw located at the center of the bottom part of the main unit. This screw holds the

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PRODUCT DESCRIPTION

The BlackJack SolderWerks BK8000 Advance Repairing System is a digital multipurpose reworking equipment with a dual port and dual pump design. The dual port and dual pump system allows seamless work flow as the Hot-Air Gun, Soldering Iron, and Desoldering Gun can be operated simultaneously. Unlike single pump design where the hot air gun shares the same pump as the de-soldering gun and the desoldering gun connecting port is shared with the desoldering gun port. The entire rework process can be started and finished without any loss time due to tool switching, heat up wait times or loss of functionality due to the limitations of single pump designs.

The Hot air gun is equipped with our BlackJack SolderWerks Hot-air triple protection system, which provides (1) **System cool-down**, (2) **Auto System Sleep**, and (3) **Overheat Protect**.

The Soldering iron is a lead free solder compatible system. Its fast heat up and thermal recovery, ensures quick and easy soldering at any temperature setting.

The Desoldering gun features fast heat up speeds and an upgraded plunger type vacuum diaphragm pump that has 4x the suction power of standard desoldering pumps.

SPECIFICATIONS

Main Station	
Station Dimensions:	188(w)x126(h)x320(d)mm
Hot air gun:	
Power consumption:	500W peak
Temperature range:	100°C - 480°C
Heating element:	Metal Heating Core
Pump Type/ Capacity:	Diaphragm Pump, 23L/min. (max)

SPECIFICATIONS

	Soldering Iron	Desoldering Gun
Power consumption	60W peak	70W peak
Temperature range:	200°C - 480°C	
Heating Element	Ceramic Heater	
Voltage	24V	
Pump type	None	Piston Pump (80KPA)

Specifications are subject to change without prior notice

SAFETY PRECAUTIONS

CAUTION: Improper usage can cause serious injury to personnel and/or damage to equipment. For personnel safety, please follow these precautions:

- Check each component after opening the package to make sure everything is in good condition. Do not use item if visible damage is seen, report the issue to your vendor.
- Power off unit and unplug the device when moving the device from one location to another.
- Do not subject the main unit to physical shock
 - Never drop or sharply jolt the unit.
 - Contains delicate parts that may break if the unit is dropped.
- Always connect power to a grounded receptacle.
- Tip temperature may reach as high as 480°C when switched ON.
 - Do not use the device near flammable materials.
 - Do not touch heated parts which may include tips, nozzles, barrels.
- Disconnect from power source if the unit will not be used for a long periods. Switch off power during short breaks.
- Use only genuine replacement parts.
- Soldering process produces smoke — use on well ventilated place.
- Do not try to alter or repair unit, bring to qualified service center for repairs.

