



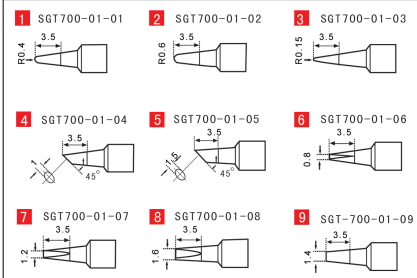
Battery Powered  
Soldering Iron

## SGI-700 Operation Manual

### FEATURES

- Ready to go in about **10** seconds after it is switched on
- **Heater and tip built together**, made in Japan with latest technology! **Long tip service life**
- More tips available when replacement needed
- Maximum temperature **896°F (480°C)** at **8W**
- Operate on **3 AA batteries** for continuous run time of about **60 minutes** and more on new and good quality alkaline batteries
- Comes with one 1.5mm Conical Tip, a Tip Cap and a Multi Function Tool
- **Compact** (overall length including tip 6-7/8" or 175mm), **portable** (weight without battery only 2.3oz or 66g); **convenient, easy** and **safe** to operate and **simple** to maintain.
- A great tool for **field work** where there is no power supply for AC powered soldering tools; precision soldering, SMT site; R&D labs; repair and service shops; camping and home electronic hobbies.
- **Professional engineers, technicians and home electronic DIYers' must-have!**

### POWER TIPS (8W Series)



### SPECIFICATION

Model No.	SGI-700
Power	8W
Tip Temperature	896°F(480°C)
Continuous Run Time	About 60 minutes
Overall Length	6-9/10" (175mm)
Weight (w/o Battery)	2.30oz (66g)
Battery	3 x AA Alkaline Batteries

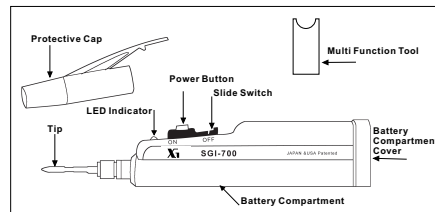
### WARNING

Normal use of this product could expose the user to solders containing lead which is known to the State of California to cause cancer and birth defects, or other reproductive harm, or other Proposition 65 listed chemicals.

## BATTERY POWERED Soldering Iron

Thanks for purchasing our XG SGI-700 Battery Powered Soldering Iron. SGI-700 is an advanced tool developed to meet the present and future needs of soldering rework, repairing, specially emergency outdoor field work. For your safety, please read the manual before operation to prevent any risk of injury or accident. Store it in a safe, easily accessible place for future reference.

### Name of Parts



### INSTRUCTIONS

- Open the battery compartment cover and place 3pcs of good quality AA alkaline battery (1.5Vx3) in the right position as illustrated, then close the cover.
- How to mount the Tip: Insert tip to mount, pull out to dismount as illustrated. The Multi Function Tool, now as Tip Remover, will help you to do it easily.
- Slide the Switch to ON position.
- Press and hold the Power Button, the LED Indicator lights up and the Tip starts to heat up. In about 10 seconds, it is able to melt solder and you are ready to start working.
- (ATTENTION: When the LED Indicator becomes dim, or it takes more than 30 seconds to melt solder, the batteries are weak, and it is time to replace old batteries with new ones.)
- Please press and hold the Power Button in order to start soldering. Please release the Power Button right after the operation. While pressing and holding the Button, the Tip keeps heating up. Temperature can be controlled by pressing and holding the Button intermittently, in such way, battery service life can be prolonged. After operation, clean up the Tip, then plate a new Solder layer on it. Make sure the Power Switch is at OFF position. Put on the Protective Cap after temperature cools down.

### IMPORTANT SAFETY INSTRUCTIONS

- ▲ **DO NOT** touch the Tip during operation. Keep it off your hand or body, as it is extremely high temperature
- ▲ **DO NOT** strike or give excessive pressure on the Tip
- ▲ **DO NOT** use over-watered sponge to clean the Tip, as it could cause a sharp decline in tip temperature or damage to the tip
- ▲ **DO NOT** disassemble or alter this unit
- ▲ Use **ONLY** original manufacture's parts for replacement
- ▲ Make sure to slide the Switch to "OFF" position after operation
- ▲ Take batteries off and store them in a battery carrying case for future use
- ▲ Put Protective Cap on when this unit is not in use
- ▲ Some solder and soldering materials contain detrimental chemicals. Read manuals for those materials before use, and clean the Tip after operation and regularly to guarantee long and normal service life of the tip and this unit
- ▲ Keep it out of children's reach

### CAUTION ON BATTERY

- Make sure to use high quality alkaline battery, size AA (1.5V)x3pcs
- Poor quality batteries will fail to perform full function, and heat-up time will become longer. Replace batteries with new ones when it occurs
- Place batteries in the right direction as indicated
- **DO NOT** short circuit, heat, charge (alkaline battery), dispose of in fire. Dispose batteries properly
- **DO NOT** attempt to disassemble and solder a battery, as it might cause fire, injury and contamination
- **DO NOT** touch liquid leaked out of a battery, as it might cause damage or injury. If you touch it by accident, wash down with plenty of water and consult with your doctor immediately

### TROUBLESHOOTING GUIDE

TROUBLE	SOLUTION
Light goes on but tip does not heat up	Check to ensure tip is fully and correctly seated
Light is not lit up	Replace exhausted batteries or reorient battery position

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