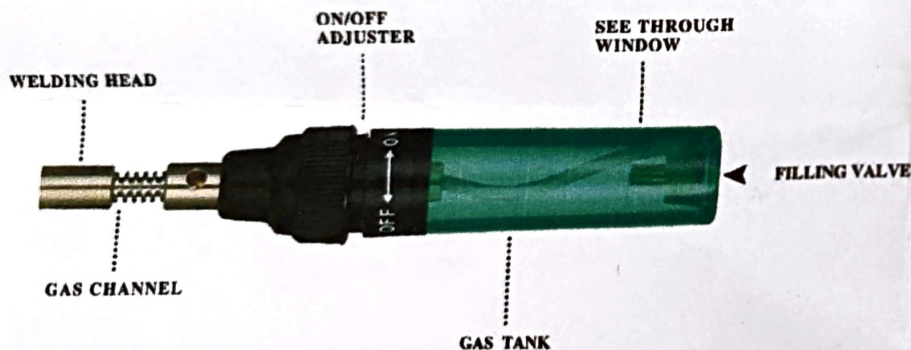


# SOLDER CORDLESS GAS MT100 User Manual



Thank you for purchasing our products. The products purchased from our store come with top quality insurance and you can enjoy friendly customer service. If you have any questions about the product, Please do not hesitate to contact us.

## PRODUCT ANALYSIS



## SPECIFICATIONS:

Length	130mm(5.11in)
Width	20mm(0.78in)
Height	20mm(0.78in)
Weight(when gas-filled)	43g
Temperature range of soldering iron tip	200-400°C
Soldering iron temperature(adjustable)	450°C
Torch(adjustable)	1300°C
Tank capacity	8ml
Operating time(one gas filling)	20-35 min

## HOW TO USE GAS SOLDERING IRON MT100

To refill, hold refill can as pictured(fuel transfer is dependent upon gravity). Observe fuel level in transparent window and stop filling when 90% FULL.



## IGNITION SEQUENCE

Push the ON/OFF adjuster upward toward tip to release gas and turn to mid position. Then holding the unit away from the face and body, activate with the flint ignitor or lighter.



## ADJUSTMENT

- 1.The tip temperature can be adjusted by turning the ON/OFF adjuster.
- 2.Normally set the ON/OFF adjuster forward to mid position when soldering or brazing.
- 3.It is not necessary for the tip to glow bright red to achieve satisfactory soldering temperatures. Experience will dictate the adjuster setting required.
- 4.Excessive gas flow, flare-up or catalyst pulsing red may occur when the regulator is incorrectly adjusted, i.e. set too high.

## CHANGING TIPS

- 1.Be sure the tip has cooled before removal. The catalyst seen through the exhaust ports of the soldering tip is very delicate and will not sustain mechanical abuse without serious damage.
- 2.The soldering tip is easily removable allowing the installation of other style tips or the replacement of a worn tip. After the soldering tip is cool, simply unscrew it with a counterclockwise motion. Pliers may be required to lightly grasp the tip in order to loosen. Be careful not to over tighten as this could damage the thread in cap.

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## IMPORTANT NOTE:

THIS TOOL HAS BEEN ESPECIALLY DESIGNED FOR USE WITH 100% BUTANE GAS ANY OTHER BUTANE-PROPANE MIX OR OTHER FUEL GASES COULD CREATE MUCH HIGHER TEMPERATURES AND INDUCE "FLARE UP AT THE TIP EXHAUST SLOTS

## WARNINGS:

- 1.Unit not contains flammable gas (Butane) under pressure-use with care.
- 2.DO NOT expose to heat above +50°C (120°F) and avoid prolonged exposure to the sun.
3. DO NOT puncture or incinerate
- 4.The regulator is adjusted incorrectly, that is, if it is set too high, it may produce a larger flow, fire or the soldering iron tip will turn red.
- 5.DO NOT refill, ignite or use near open flame, heater, furnace or combustible materials. It is essential, therefore, to keep unit away from face and body when igniting
- 6.KEEP AWAY FROM CHILDREN. All visitors should be kept away from work area
- 7.STORE WHEN NOT IN USE. Store in dry, locked cabinet out of reach of children.
- 8.KEEP WORK AREA CLEAN. Cluttered areas and benches invite injuries.
- 9.Be extremely careful as torch flame is almost invisible in dry light or strong light.
- 10.WEAR SAFETY GLASSES.
- 11.DON'T OVERREACH. Keep proper footing and balance at all times.
- 12.STAY ALERT. Watch what you are doing. Use common sense. Do not operate when you are tired.
- 13.DO NOT TOUCH the heated tip or barrel of the unit.
- 14.ALWAYS BE SURE THE UNIT IS COOL BEFORE STORING.
- 15.DO NOT leave unit unattended when it is operating or hot.
- 16.USE ONLY IN WELL VENTILATED AREA.
- 17.DO NOT attempt to readjust or repair. Unit is not user serviceable. Do ensure flame is extinguished before putting down.
- 18.DO NOT pack this item or any other flammable gas item, in any checked or carry-on baggage.

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