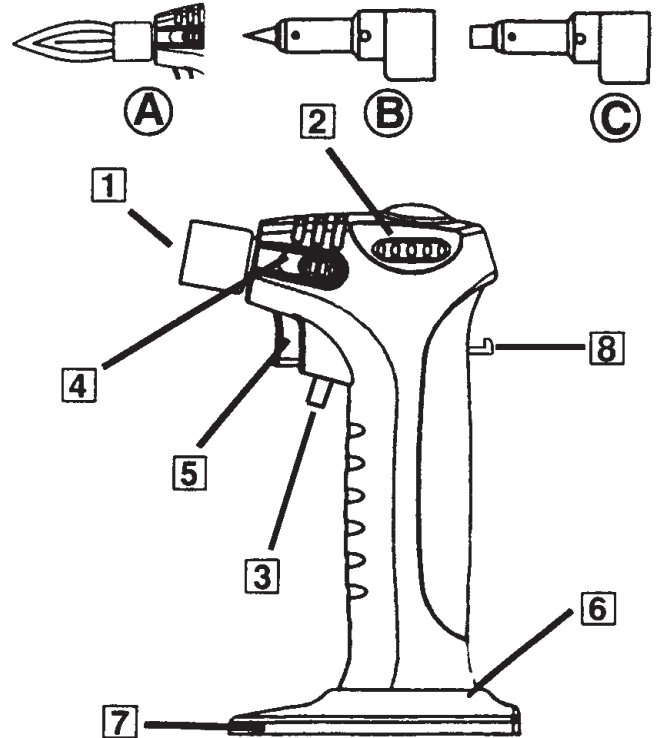


## Master Model MT-76 3 in 1 Triggertorch

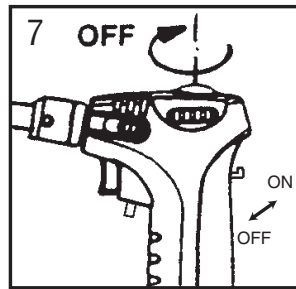
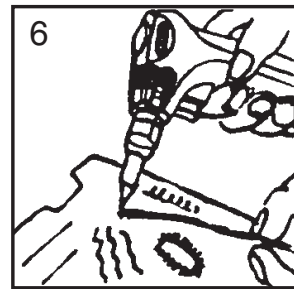
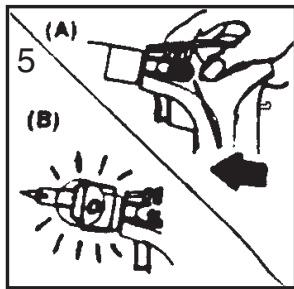
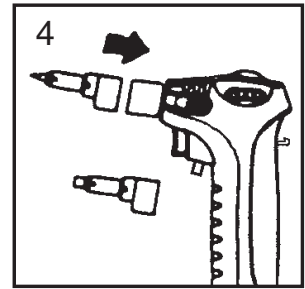
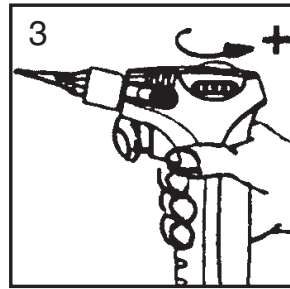
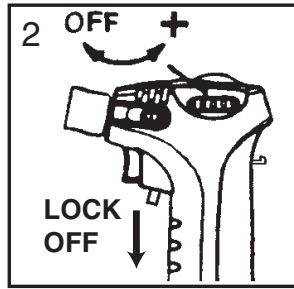
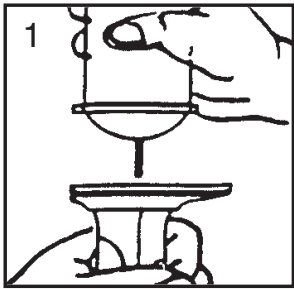
SPECIFICATIONS	
SIZE	6.5" (L) x 3.8" (H) x 1.3" (W) 165 mm x 97 mm x 34 mm
WEIGHT	8.1 oz / 230 g (empty)
NONSTOP RUN TIME	120 minutes
FLAME TEMP.	Approx. 2500 °F, 1300 °C (blue flame)
FUEL CAPACITY	5/8 oz. / 20 ml

### CONTENT AND PARTS IDENTIFICATIONS:

- |                            |                             |
|----------------------------|-----------------------------|
| A - Burner Head            | 4.) Shutter lever           |
| B - Soldering Tip          | 5.) Ignition button         |
| C - Heat Tip               | 6.) Removable stand         |
| 1.) Flame Guard (Aperture) | 7.) Filler valve            |
| 2.) Fuel Adjustment wheel  | 8.) Hands Free ON/OFF slide |
| 3.) Safety lock            |                             |



**INSTRUCTIONS**



**THE MT-76 MICROTORCH DOES NOT CONTAIN BUTANE GAS WHEN PURCHASED**

**GAS REFILLING**

- Use only Master Ultratane™ Butane Fuel.
- Make sure that the fuel adjustment wheel (2) is in "off" (-) position.
- Shake gas container a few times to warm fuel up.
- Insert the container nozzle tip vertically down into the gas refill opening(7). Use a pumping action for best results. (fig 1)
- After filling allow a few minutes for the gas to stabilize.

**LIGHTING 3 IN 1 TRIGGERTORCH (A)**

- Turn fuel adjustment wheel(2) counterclockwise 2/3 of a turn.
- Using both hands, pull safety lock down and hold with one hand, while simultaneously depressing trigger with free hand. Flame will ignite instantly. (fig. 2)
- For hands free use, follow instructions above. When trigger is COMPLETELY depressed, move the hands free on/off slide to the right. (fig. 7)

**LIGHTING SOLDERING IRON (B) / HOT BLOW (C)**

- Make sure the soldering head or hot blow head are not hot when interchanging it.
  - Fit either the Solder head or Hot blow head over the burner head. (fig. 4)
  - Ignite the flame and wait for about 5-10 seconds to heat up the tip. (fig. 5a) Push the shutter lever(4) forward and hold for about 2-3 seconds before releasing it.
  - At this time, the ceramic element inside the tip will glow red (fig. 5b) and then it is ready to use for soldering iron or hot blow. (fig. 6)
- Caution! Failure to extinguish the ignition flame by pushing the shutter lever and then releasing it will cause overheating and damage the torch.

**FLAME/TEMPERATURE ADJUSTMENT**

- Adjust the torch flame by turning the fuel adjustment wheel clockwise (-) or counterclockwise (+). Adjust the flame to approximately 1/2 to 1 in. (10-25 mm) in length when using. Counterclockwise

(+) gives you a longer broad flame, clockwise (-) gives you a shorter pinpoint flame. Don't make the flame too long as it will only waste the gas and make the flame unstable. (fig. 3)

**STORAGE**

- Turn fuel adjustment wheel clockwise (-) to off. If engaged, move on/off slide lock to the left to shut off the gas flow. (fig. 7)
- Make sure that the torch/tips are cool before storing or leaving unattended.

**CAUTION:**

1. Keep out of reach of children.
2. Do not touch flame guard when hot!
3. Butane gas is extremely flammable, please handle with care.
4. Always point away from eyes and body when igniting or operating.
5. Do not store under direct sunlight or anywhere that will exceed 104°F/40°C.
6. Make sure that the on/off adjustment knob (fig. 7) is firmly closed and the flame is completely extinguished after using.
7. Under no circumstances should you attempt to repair a damaged torch.
8. After using, let the tool cool down before storing.

**WARNING:** The Department of Transportation Hazardous material Regulations forbid the carriage of butane or other flammable gas products on passenger aircraft. Do not pack this item or any other flammable gas item, in any checked or carry-on baggage.

**WARNING:** This product, when used for soldering and similar applications, produces chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

Contains flammable gas under pressure. Do not use near sparks or open flame. Do not puncture or incinerate container or store at temperatures above 120° F. Keep out of reach of children.