

Instruction Manual

Product Name: Handheld Micro Gas Torch

Product No.: 521.2050

Technical Specifications:

Capacity: 22g

Weight: 190g, without gas

Flame Temperature: 1250±50°C

Working Time: Gentle flame for about 100 mins, strong flame for around 50 mins.

Size: 95x63x155mm

Operating Instructions:

Step 1: Refilling Gas

- (1) Before refilling, please ensure the flame is completely extinguished.
- (2) Turn the torch upside down. Insert the nozzle of the butane canister vertically into the fill valve at the bottom and press down firmly.
- (3) Stop refilling immediately once gas begins to overflow from the fill valve, indicating the tank is full.
- (4) Allow the torch to sit for a few seconds to let any excess gas evaporate and allow the frozen valve to return to room temperature before use.

Step 2: Ignition

- (1) Check that the air control ring is fully open.
- (2) Slide the safety lock located above the ignition button upward to unlock.
- (3) Slowly push the gas control valve toward the left (+) and stop at the center, then you will hear a subtle gas flow sound.
- (4) Press the ignition button to ignite.

Step 3: Adjusting the Flame Size

- (1) Once lit, push the gas control valve further to the left (+) for a larger flame.
- (2) Push it to the right (-) to reduce the flame size.

Step 4: Adjusting Flame Shape

Rotate the air control ring left or right to switch between a concentrated jet flame and a soft flame, depending on your application needs.

Step 5: Extinguishing the Flame

- (1) Push the gas control valve all the way to the right (-) to completely extinguish the flame.
- (2) Slide the safety lock downward into position to lock the ignition button.

Important Safety Instructions:

1. Fill the butane gas according to the instructions prior to first use.
2. Use only lighter gas (pure butane gas).
3. Do not point the nozzle toward your body or flammable materials when igniting.
4. Do not touch the area around the nozzle during or immediately after use to avoid burns.
5. This torch contains pressurized flammable gas. Please always use cautiously.
6. Do not operate this torch or refill gas in areas with sparks or open flames.
7. Do not puncture, pierce, or strike the gas cylinder.
8. Do not store in locations where temperatures exceed 50°C (122°F).
9. Keep out of reach of children.
10. Do not attempt to disassemble this torch.

Versatile Expandable Functionality:

1. Standard Gas Torch: Functions as a compact, handheld butane gas torch for brazing and heating.
2. Soldering Iron Conversion: By attaching the optional Micro Torch Tip (Item No. 521.2021), the torch instantly converts into a cordless gas soldering iron.
3. Heat Gun Conversion: By further adding the Hot Air Nozzle (Item No. 521.311412) onto the soldering tip, it functions as a portable heat gun, ideal for heat-shrink tubing and delicate heating applications.