

INFERNO

GAS TORCH

SOLDERING & BRAZING

FEATURES

- ★ Multi-pupose Soldering and Brazing hand torch
- ★ Push-button, Piezo Self-Igniting System
- ★ 360° Swivel Flametube designCompatible with Propane,
- ★ Mapp® Mapp//Pro™ gases& MT-1 & PT-1 fuel containers
- ★ With Brass Tip, built-in Gas Regulator & Safety Trigger Lock

1. EQUIPMENT OVERVIEW



⚠ WARNING ⚠

EXTREMELY FLAMMABLE. CONTENTS UNDER PRESSURE. Keep out of reach of children. Keep away from heat or flame. It is illegal and dangerous to refill the cylinder. Obtain new gas cylinder from your dealer. Avoid prolonged exposure to sunlight. Do not store near or in a room used for habitation. Always close torch valve and wait at least 30 seconds before removing torch from gas cylinder. Always detach gas cylinder from torch when not use. Do not breath gas, fumes, vapor or spray. If inhaled, remove affected person to fresh air. Avoid contact with skin and eyes. For skin contact, flush with large amount of water. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. When gas cylinder is empty, discard in a safe place. Do not throw in fire. Do not puncture or incinerate container.

2. OPERATION GUIDE

OPERATION AND LIGHTING:

01. Use only high quality Mapp or Propane gas.
02. Before installing the torch to the gas cylinder, turn the ignition button in clockwise direction to make sure the ignition safety feature is ON.
03. Before installing the torch to the gas cylinder, make sure the valve is OFF by turning the gas adjustment knob in clockwise direction until hand tight only. **DO NOT FORCE.**
04. Hold torch and gas cylinder upright. Turn the gas cylinder clockwise into the torch valve body until locked tight and attached securely to the torch connector. Check connection for leaks.
05. After the gas cylinder is attached to the torch, check all connections for leaks with soapy water. Check all joints & couplings periodically to ensure against loose connections. If a leak is detected, replace the gas cylinder and check for leaks again. If leaking still occurs, the torch must not be used.
06. Turn the gas adjustment knob counter-clockwise to disengage the ignition safety lock.
07. Turn the ignition button counter-clockwise to disengage the ignition safety lock.
08. Squeeze the ignition button slowly allowing gas to flow into the burner tube. Continue to squeeze it until the torch is lit. If torch does NOT light, squeeze the ignition button again.
09. To engage the ignition button lock for a continuous work, pull the ignition button fully inward and press the lock button on top. Then release the ignition button. the ignition button fully in ward and press.

FLAME ADJUSTMENT:

01. Turn the adjustment knob to control the gas output according to different applications.
02. The maximum heat zone is very concentrated. It's located between 1/2" to 1" from the end of the tip. Holding the torch too close or too far from the target can reduce the heating effect.

COLD WEATHER OPERATION:

In cold weather, the size of the flame can be smaller due to lower gas pressure. To produce a larger flame, pre-warm the gas cylinder to room temperature prior to use. Shaking the gas cylinder a few times to warm the fuel up will help. There is a possibility that the flame will extinguish when the torch is turned upside down in cold weather.

SHUTDOWN AND STORAGE:

01. Release the ignition to extinguish the flame. If the ignition button lock is ON, pull the ignition button fully inward to release the lock.
02. Turn the valve OFF. Note: The flame may continue to burn for a short period of time if the torch has been operated in an inverted(upside down) position.
03. When torch is cool, turn the gas cylinder counter-clockwise to disconnect it. Slightly pull the ignition button to vent the remaining gas inside the torch.
04. Turn the ignition button clockwise to engage the ignition safety lock.
05. Store the torch and gas cylinder separately. Read other cautions on gas cylinder label.

GENERAL SAFETY RULES:

01. Do not use this torch until you have understood all of the operation instructions and cautions and familiarize yourself with the torch before using it. Review instruction and caution periodically to maintain awareness. Deviating from these procedures may result in fire, explosion, property damage and/or operator injury. Do not try to operate before reading instructions.
02. Use any fuel other than MAPP or propane with this torch may cause a fire or explosion.
03. Wait for the torch to cool down before tightening or removing torch head and before installing or removing accessories.
04. Do not point torch towards face, other persons or flammable objects. Never attempt to use torch as a cigarette lighter.
05. Disconnect gas cylinder when not in use. Never store with torch attached to the gas cylinder.
06. Do not attach or detach the torch from the cylinder at where accidentally released gas might be ignition by open flames.
07. Never attempt to modify the torch construction and never use unapproved fuel.
08. Treat the torch as you would for any fine tool or instrument. Do not drop or otherwise abuse.
09. Do not use a leaking, damaged or malfunctioning torch. Do not use the torch until you have corrected the problem. Torches improperly operated, maintained or repaired can be dangerous. Improper use, service repair or modification of the torch could result in damage to the product, property damage or personal injury to the operator.
10. Work only in well-ventilated areas.
11. Always place your work on firebrick. Ordinary brick and concrete can explode when subjected to a high temperature. Do not work on wood or metal surfaces. Always shield your work.
12. Always wear protective glasses and gloves. Use proper tools to handle hot work.
13. Be aware that the tip of the torch can get extremely hot during use. Take precautions to protect yourself and others from accidental burns. Never use the torch on or near combustibles. Be especially careful around motor vehicles or any gasoline-powered products and beware of hidden fuel lines and tanks.
14. Always make certain the torch is placed on a level surface when connected to the gas cylinder to reduce the risk of accidental tip over. Be sure torch is not pointed in a direction which could cause nearby objects to be burned when torch is set down.
15. When thawing pipes, be very careful not to overheat surrounding materials.
16. Always have a fire extinguisher and a bucket of water near the torch and work area. Do not place them in the flame path or a location where you could not reach them should a fire break.

LIMITED WARRANTY STATEMENT

Jefferson Professional Tools & Equipment, or hereafter "Jefferson" warrants its customers that its products will be free of defects in workmanship or material. Jefferson shall, upon suitable notification, correct any defects, by repair or replacement, of any parts or components of this product that are determined by Jefferson to be faulty or defective.

This warranty is void if the equipment has been subjected to improper installation, storage, alteration, abnormal operations, improper care, service or repair.

Warranty Period

Jefferson will assume both the parts and labour expense of correcting defects during the stated warranty periods below.

All warranty periods start from the date of purchase from an authorised Jefferson dealer. If proof of purchase is unavailable from the end user, then the date of purchase will be deemed to be 3 months after the initial sale to the distributor.

1 Year

- Jefferson INFERNO Gas Torch: Soldering & Brazing [JEFGASTORCH]

90 Days

- All replacement parts purchased outside of the warranty period

Important: All parts used in the repair or replacement of warranty covered equipment will be subject to a minimum of 90 days cover or the remaining duration of the warranty period from the original date of purchase.

Warranty Registration / Activation

You can register and activate your warranty by visiting the Jefferson Tools website using the following address:

www.jeffersonstools.com/warranty and completing the online form.

Online warranty registration is recommended as it eliminates the need to provide proof of purchase should a warranty claim be necessary.

Warranty Repair

Should Jefferson confirm the existence of any defect covered by this warranty the defect will be corrected by repair or replacement at an authorized Jefferson dealer or repair centre.

Packaging & Freight Costs

The customer is responsible for the packaging of the equipment and making it ready for collection. Jefferson will arrange collection and transportation of any equipment returned under warranty. Upon inspection of the equipment, if no defect can be found or the equipment is not covered under the terms of the Jefferson warranty, the customer will be liable for any labour and return transportation costs incurred. These costs will be agreed with the customer before the machine is returned.

NOTE: * Jefferson reserve the right to void any warranty for damages identified as being caused through misuse *

Warranty Limitations

Jefferson will not accept responsibility or liability for repairs made by unauthorised technicians or engineers. Jefferson's liability under this warranty will not exceed the cost of correcting the defect of the Jefferson products.

Jefferson will not be liable for incidental or consequential damages (such as loss of business or hire of substitute equipment etc.) caused by the defect or the time involved to correct the defect. This written warranty is the only express warranty provided by Jefferson with respect to its products.

Any warranties of merchantability are limited to the duration of this limited warranty for the equipment involved.

Claiming Warranty Coverage

The end user must contact Jefferson Professional Tools & Equipment: (Tel: +44 (0) 1244 646 048) or their nearest authorised Jefferson dealer where final determination of the warranty coverage can be ascertained.

Step 1 - Reporting the Defect

Online Method:

Visit our website www.jeffersonstools.com/warranty and complete the Warranty Returns form. You can complete the form online and submit it to us directly or download the form to print out and return by post.

Telephone Method:

Contact your Jefferson dealer or sales representative with the following information:

- Model number
- Serial number (usually located on the specification plate)
- Date of purchase

A Warranty Returns form will be sent to you for completion and return by post or fax, together with details of your nearest authorised Jefferson repair centre. On receipt of this form Jefferson will arrange to collect the equipment from you at the earliest convenience.

Step 2 - Returning the Equipment

It is the customer's responsibility to ensure that the equipment is appropriately and securely packaged for collection, together with a copy of the original proof of purchase. Please note that Jefferson cannot assume any responsibility for any damage incurred to equipment during transit. Any claims against a third party courier will be dealt with under the terms & conditions of their road haulage association directives.

NOTE: Jefferson will be unable to collect or process any warranty requests without a copy of the original proof of purchase.

Step 3 - Assessment and Repair

On receipt, the equipment will be assessed by an authorised Jefferson engineer and it will be determined if the equipment is defective and in need of repair and any repairs needed are covered by the warranty policy. In order to qualify for warranty cover all equipment presented must have been used, serviced and maintained as instructed in the user manual.

Where repair is not covered by the warranty a quotation for repair, labour costs and return delivery will be sent to the customer (normally within 7 working days). Note: If the repair quotation is not accepted Jefferson Professional Tools & Equipment will invoice 1 hour labour time at £30 per hour plus return carriage costs (plus VAT).

In cases where no fault can be found with the equipment, or, if incorrect operation of the equipment is identified as the cause of the problem, a minimum of 1 hour labour at £30 per hour plus carriage costs will be required before the equipment will be despatched back to the customer.

Any equipment repaired or replaced under warranty will normally be ready for shipment back to the customer within 7 working days upon receipt of the equipment at an authorised Jefferson Repair centre (subject to part availability). Where parts are not immediately available Jefferson will contact you with a revised date for completion of the repair.

General Warranty Enquiries

For any further information relating to Jefferson warranty cover please call: +44 (0) 1244 646 048 or send your enquiry via email to warranty@jeffersonstools.com

Disclaimer:

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EC Declaration of Conformity

We, Jefferson Professional Tools & Equipment, as the authorised European Community representative of the manufacturer, declare that the following equipment conforms to the requirements of the following Directives:

* Machinery Directive 2006/42/EC (as amended)

Signed by: Stephen McIntyre (Operations Director)



Date: 27.04.17

Tel. +44 (0)1244 646 048

Email: sales@jeffersonstools.com

Name and address of manufacturer or authorised representative:

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Herons Way,
Chester Business Park,
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