

Jewelry Applications



MicroJet™ System

MicroJet™ System is a brazing system designed for today's jewelry manufacturing industry. The system produces a clean burning hydrogen gas as a source of heat energy. The highly focused hydrogen flame offers excellent brazing speed and quality compared to traditional hydrocarbon fuel gas.

The system begins with an electrolyser for the on-site production of hydrogen gas. A centralized piping system distributes the gas to each brazing station. Each station is equipped with a MicroTorch™ designed for hydrogen brazing.

MicroTorch™

Weighting only 40 grams, the MicroTorch offers unparalleled versatility & maneuverability compared to any torch in its class. When used with hydrogen gas, it produces a perfectly clean and focused flame that brazes and solders the tiniest elements with ease and precision.

Superior Welding Quality

Due to the absence of impurities, the hydrogen flame gives an outstanding weld quality and appearance.

Safe

The system generates hydrogen gas as and when needed. This reduces the amount of combustible gas and is therefore safer than cylinder gas system

Reduced Oxidation

A vapor flux tank can be added to the system for automatic fluxing during brazing. The flux is vaporized and carried by the flame into the welding area. It automatically cleans and protects the metal from oxidation thereby improving quality and productivity.

Easy Installation

The MicroJet System is easily installed and customized to individual set-up using our 'Kwik – Lok' piping system. The piping system uses quick connect components and flame resistant polymer tubing that allows easy installation at site.

Future Expansion

The largest Hydrogen Generator module can support up to 40 stations. Additional Modules can be added to support higher number of torches as your business expands

GasTec Hydrogen Generator

GasTec Hydrogen Generators are CE certified and are fully backed by 12 month warranty.

Convenient & Economical

The system is easy to operate and maintain. Combining the convenience of on-site gas generation and energy efficient gas generator; attractive savings can be made over cylinder gases.

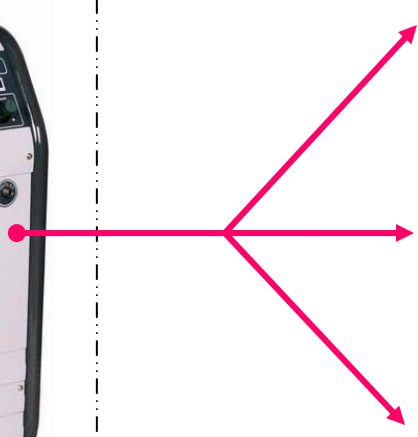
Gas Generators (Malaysia) Sdn. Bhd.

MICROJET SYSTEM

H₂ Gas Generation



Kwik-Lok Gas Piping System



MicroTorch



Applications

- Gold
- Silver
- Brass / Copper
- Dental equipment
- Pewter
- Platinum
- Plastic
- Glass

Benefits

- Outstanding weld quality & appearance
- Eliminate post weld cleaning
- Improves productivity
- Reduced filler metal & flux consumption
- Convenience of on-site gas generation
- Safe

Specification

| Model | Output (l/hr) | Power (kW) | Max. # of torches base on tip gauge sizes | | | |
|-------|---------------|------------|---|----|----|----|
| | | | 18 | 21 | 23 | 25 |
| GT1 | 1000 | 3.5kW | 6 | 8 | 10 | 13 |
| GT2 | 2000 | 7.0kW | 13 | 16 | 20 | 26 |
| GT3 | 3000 | 10kW | 20 | 25 | 30 | 40 |
| GT4 | 4000 | 14kW | 26 | 33 | 40 | 53 |

Distributor



GASTEC[®]

On Site Gas Generation Systems

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