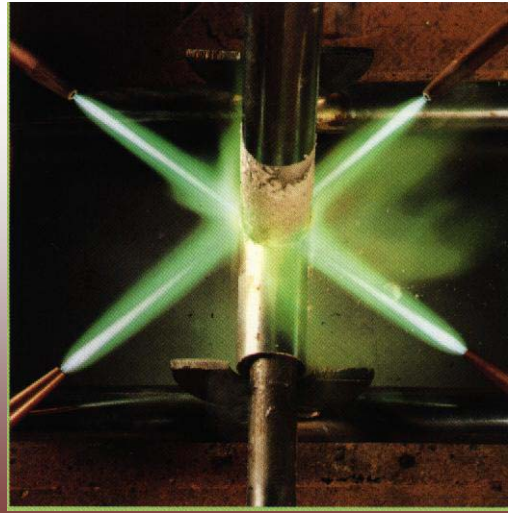


Gas Brazing Applications



HydroBraze™ System

HydroBraze™ System is a brazing system designed for copper, silver, and bronze brazing applications. The system begins with an electrolyser that generates a clean burning hydrogen fuel that replaces traditional acetylene or LP gas.

Integrated within the system is a proprietary vapor flux dispenser that automatically introduces an optimum quantity of flux into the flame. The flux gives a consistent wetting action at the brazing area, allowing the filler metal to flow evenly and smoothly, resulting in joints of outstanding quality and appearance. Post weld cleaning is often eliminated, resulting in higher productivity and reduced labor cost.

Bronze Brazing

Low fuming bronze, nickel bronze, copper-zinc, and nickel silver alloys works exceptionally well with the HydroBraze System. The elimination of flux coated rod or powdered flux results in considerable savings in both filler metal cost and post weld cleaning.

Aluminum Brazing

Hydrogen fuel is ideal for brazing low melting point metals such as aluminum using silicon-aluminum filler metal. The absence of carbon within the hydrogen gas results in superior brazing speed and appearance.

Silver Brazing

Copper base silver alloys, including phosphor copper, copper-phosphor-silver and high silver content brazing alloys are readily brazed with the HydroBraze System. The vapor flux prevents oxidation, giving high strength joints, which is critical for applications such as air-conditioning and refrigeration heat exchanger assemblies.

Reduced Oxidation & Superior Welding Quality

The clean burning hydrogen gas coupled with vapor flux system automatically cleans and protects the metal from oxidation thereby improving quality and productivity.

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.

HYDROBRAZE SYSTEM



HydroBrazed – Bronze filler on 1.2mm mild steel base metal. No flux residue, clean appearance



Acetylene Brazed – Bronze filler on 1.2mm mild steel base metal. Note hard flux residue & large oxidized area

Targeted Industries

- Air-conditioning
- Refrigeration
- Automotive parts
- Medical & dental equipment

Features

- Integrated vapor flux dispenser
- Environmentally friendly, non toxic fuel gas
- Energy efficient electrolysis process

Benefits

- Outstanding weld quality & appearance
- Eliminate post weld cleaning
- Improves productivity

- Spectacles frame
- Carbide tooling
- Steel furniture
- Bicycle frame

- Fully Automated controls
- Built in flash back arrestors
- CE Compliant

- Reduced filler metal & flux consumption
- Convenience of on-site gas generation
- Safe

Distributor



GASTEC[®]

On Site Gas Generation Systems

Gas Generators (Malaysia) Sdn. Bhd. (309300-K)

8, Jalan P/21, Taman Industri Selaman, Section 10, Bandar Baru Bangi,
Selangor, Malaysia 43650. Tel: 8926 3268 Fax: +603 – 8926 3269

URL: www.gastec.com.my E-mail: sales@gastec.com.my

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