Automated brazing Equipment

Experienced custom made automatic brazing machine and standard brazing machine with an index table.

**Features**
- Flow rate of fuel gas is controlled by neis DIGI-FLOW or a mass flow controller, to keep brazing flame stable, even if pressure at the source might be disturbed.
- Flow rate set at a numerical value ensures high repeatability, easy adjustment resulting in quality management.
- Twenty patterns of gas-flow rates can be stored on memory that makes you save time to adjust a new brazing flame for another work.
- Even if the power might go out, the auto-extinguisher device installed would quench the flame safely.

**Brazing aluminium equipment.**
- As three gases (LPG, Air and oxygen) mixed combustion system is used, a flame can be adjusted at wide range from weak to strong flame and easily controlled.
- neis flux-cored wire, makes it unnecessary to coat flux by hand. (see Page18)
- Flux is a kind of non-corrosion type, washing after brazing is no need.

**Vacuum induction brazing equipment.**
- Uniquely designed for works which needs short time heating in vacuum.

**Induction brazing equipment.**

neis DIGI-FLOW : flame stabilizer

By digital control of flow rate of gases, flame is kept stable.

**Features**
- Instability of flame caused by pressure fluctuation is solved.
- Exact gas flow rate can be easily adjusted by setting up on digital display.
- Twenty patterns of thermal capacity of a blame can be set as a standard, it is suitable for manufacturing a wide variety of products in small quantity.

- Two gas-flow rates controller model is suitable for brazing with silver, phosphor copper and brass fillers.
- Three gas-flow rates controller model is suitable for brazing aluminum parts.

**Standard specification**

- Power supply : AC100V
- Fuel gas : LPG, LNG, acetylene gas etc.
- Supporter gas of combustion : Oxygen gas, Air etc.
- Fire extinguishing gas : N₂