

# JFP GG-Gas Gun



*The machines which require minimal training to operate*



## Manual Eutectic Station



The Gas-Gun Eutectic Station fulfills requests for versatile soldering, eutectic, reflow of required in micro-electronic field.

Work Stage, for easy handling of small components, with optional ergonomic binocular, useful for any operator.

Gas-gun includes an adjustable heated table for low and high temperature soldering chuck, up to 450°C, and an independent adjustable hot gas temperature beam, with a pre-set gas flow and gas temperature...

High repeatability of temperature Process, Gas-gun Head is moving vertically, with adjustable mechanical stop. Vertical Position readout on a ruler to achieve stable working distance.

Gas-gun is a robust, and reliable mechanical concept, for easy use.

### SYSTEM

- Table Top Station
- Throat: 200mm, Access for large substrates

### DIE & SUBSTRATE

- Chips are handled by operator
- Parts/substrates hold by vacuum

### WORKHOLDERS

- Manually handled, X&Y
- Heated Chuck: 50mm diameter
- Temperature: up to 450°C continuous
- Low work Height Access
- Adaptor for customized holders

### HOT GAS

- Vertical Motion
- Work Height , adjustable
- Temperature controller  
PID control  
Temperature max. : up to 600°C  
reduced temperature ripple control

### BINOCULAR

- Left-right position, adjustable
- Arm/Tilt adjustable for clear vision at work

### SYSTEM CONFIGURATION

- Remote control boxes, or Integrated Control Unit
- Gas exhaust collector to be connected to customer exhaust  
No hose is supplied

### FEATURES/PARAMETERS

- Hot Gas flow, adjustable
- Cool Gas flow adjustable
- Idle Gas flow adjustable
- Gas Pressure detection/security
- Gas High flow detection
- Remote control:  
**START** Heat : On  
**COOL** : On  
**STOP** : On
- Gas INPUTS: manual selection  
Nitrogen  
Nitrogen+H2  
Compressed Air
- Inspection/Process Camera+Zoom
- Hot Gas for SMD Reflow

### TECHNICAL SPECIFICATIONS

Power : 100 / 230VAC 1kva  
Vacuum required : 90%  
Dry air : 5 bar  
Dimensions : 600\*650\*550mm  
Nitrogen N2 : 4 bar  
Weight : 45/55 kg  
Exhaust diameter : 60mm