



# GLHD

## MANUAL BRAZING DEVICE

### Special features

- Innovative machine design for fast change over to different drill bit sizes
- The PCD is being brazed under protective gas
- The high frequency heating system allows brazing joints with repeatable quality
- The temperature controlled brazing cycle allows brazing joints with supreme quality
- Quick familiarization with the machine, easy to handle
- Perfect for small batches and samples

### Technical description

- Manual clamping of the drill bit body into a chuck
- Manual insertion of solder and PCD into the body
- The prepared parts are pneumatically moved into a glass tube
- The brazing space is filled with protective gas
- The PCD is soldered onto the body by means of inductive heating
- Temperature control with a pyrometer

### Technical data

- Drill bit length: up to 150 mm
- Drill bit diameter: 4 -16 mm
- High-frequency power: 6 kW (option 12 kW)
- Machine dimensions (L x W x H): 1000 x 1000 x 1500 mm
- Weight: approx. 250 kg
- Water cooling system

### Options

- Water-cooling system
- Standard cutter brazing unit

### Special design on request