



GLHD

MANUAL BRAZING DEVICE

Special characteristics

- 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
- Industrial PC with touch screen and machine operation with WINDOWS interface

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 brazed 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
- Machine dimensions (L x W x H): 1,000 x 1,000 x 1,500 mm
- Weight: approx. 250 kg

Options

- High frequency power: 12 kW
- Water cooling system

Special design on request