

Ultrasonic - Welding - System **Tube Sealer TS 2 Ex**

To seal copper tubes on cooling systems

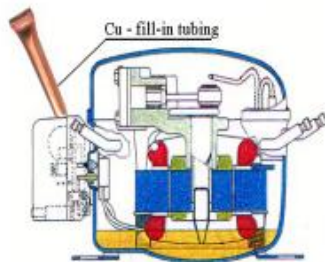
- after filling with refrigerant -



Field of applications:

- Refrigerators
- Freezers
- Heat exchangers
- Air conditioning

Tubes that are filled and pressurized can be quickly and reliably crimped, welded and cuted in just one easy step with the *Tube Sealer TS 2 Ex* .



The *Tube Sealer TS 2 Ex* has to be positioned over the fill tube. The copper-tube is automatically crimped and it's inner surfaces are vibrated together at 20 000 cycles per second. This intense energy mixes the molecules of the copper to form a metallurgical weld that ensures a permanent, hermetic seal.

Technical data

Operating frequency 20.000 Hz

Generator:

Length: 480 mm
 Height: 280 mm
 Width: 250 mm
 Weight 11.0 kg
 Input Voltage: 190 - 265 V AC / 50-60 Hz
 fuse: 16 A
 Power connection with a grounded connector.
 Power output: max. 3 kW
 Air Pressure Input min. 6.0 bar

Machine:

Length: 597 mm
 Height: 230 mm
 Width: 110 mm
 Weight 13.5 kg

Connection Cable:

Length: 6,00 m
 Weight 6.0 kg

**When using the ultrasonic welding process you can forget
 „Pinching“, „Brazing“ or „Lockring“!**