

# DIFFUSION WELDING SINTERING



## Si-01.1 compact diffusion

Seamless and brazing solder free multicolour wedding rings and other jewellery of platinum, gold, silver and stainless steel

**Rings - Sheets - Powder - Grains - Mokume Gane**



### your advantage:

quality improvement  
seamless  
free of porosity  
ringsizes unproblematic to enlarge

- tabletop machine
- semi-automized process sequence control
- several ring sizes can be sintered in one standard crucible
- simple to operate
- automatic temperature control
- automatic vacuum / protective gas control
- tempering of precious metals

#### Technical data:

**type**  
temperature range:  
heating:  
program run:  
performance:  
vacuum/protective gas control:  
vacuum pump:  
mains (standard):  
dimensions (wxdxh):  
weight:

#### Si-01.1 compact diffusion

30 - 850°C  
resistive / 1,5 kW  
automatic  
4-6 rings / h  
present  
external  
230/ 50Hz / 10A  
470x500x950 mm  
approx. 62 kg



**FRISCH GmbH**

Sankt-Hubertus-Straße 33 a D-75181 Pforzheim / Germany  
Tel. +49 (0) 7231 / 788138 Fax + 49 (0) 7231 / 788139 e-mail: info@frisch-gmbh.de www.frisch-gmbh.de