

# DIFFUSION WELDING SINTERING



## Si-03 large scale diffusion

Seamless and brazing solder free multicolour jewellery of platinum, gold, silver, stainless steel and much more ...

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

### your advantage:

quality improvement  
seamless  
free of porosity

- tabletop machine
- big welding chamber
- part size until  $\varnothing 108 \times 50$  or  $77 \times 77 \times 50$  mm are possible
- semi-automized process sequence control
- several stack 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:

max. crucible interior:

vacuum/protective gas control:

vacuum pump:

mains (standard):

dimensions (wxdxh):

weight:

##### Si-03 large scale diffusion

30 - 850°C

resistive / 3,0 kW

$\varnothing 108 \times 50$  mm

present

external

230/ 50Hz / 16A

690x610x910mm

approx. 120 kg



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