



## VTC series

### Vacuum Pressure Casting Machines

VTC 100 V / Ti

VTC 200 V / Ti

VTC 400 V / Ti

VTC 800 V / Ti

#### performance

power max. / electrical connection  
temperature max.

12 kW <sup>3x400 V</sup>  
2100° C

15 kW <sup>3x400 V</sup>  
2100° C

20 kW <sup>3x400 V</sup>  
2100° C

20 kW <sup>3x400 V</sup>  
2100° C

#### capacity

volume graphite crucible  
volume ceramic crucible  
for use of flasks up to

25 ccm = 450 g Au 18 ct  
30 ccm = 600 g Pt / 250 g steel  
■ 125 mm / 220 mm h  
○ 125 mm / 350 mm h

145 ccm = 2.0 kg Au 18 ct  
180 ccm = 2.5 kg Pt / 1 kg steel  
■ 125 mm / 220 mm h  
○ 125 mm / 350 mm h

300 ccm = 2.5 kg Cu  
300 ccm = 2.0 kg steel  
■ 125 mm / 220 mm h  
○ 125 mm / 350 mm h

600 ccm = 4.0 kg Cu  
600 ccm = 4.0 kg steel  
■ 125 mm / 220 mm h  
○ 125 mm / 350 mm h

#### handling+control

vibration technology  
automatic tilting with motor drive  
automatic flask fixing  
casting programs

■ sweep mode

■ sweep mode

■ sweep mode

■ sweep mode

temperature measurement

thermocouple up to 1,300°C  
optical pyrometer up to 2,000°C

thermocouple up to 1,300°C  
optical pyrometer up to 2,000°C

thermocouple up to 1,300°C  
optical pyrometer up to 2,000°C

thermocouple up to 1,300°C  
optical pyrometer up to 2,000°C

#### quality management

RS 232, Ethernet, USB interface, diagnostic system  
data printer  
GSM-modem for remote service

■  
■  
■

■  
■  
■

■  
■  
■

■  
■  
■

#### accessories

pyrometer with video output  
vacuum investment mixer Indumix 4+  
furnace AK 135  
vacuum pump

○  
○  
○  
○

○  
○  
○  
○

○  
○  
○  
○

○  
○  
○  
○

■ = standard equipment    ○ = optional