



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 3x400 V
2100° C

15 kW 3x400 V
2100° C

20 kW 3x400 V
2100° C

20 kW 3x400 V
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
temperature measurement

■ sweep mode

■ sweep mode

■ sweep mode

■ sweep mode

■

■

■

■

■

■

■

■

100

100

100

100

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 Indumix4+
furnace AK 135
vacuum pump

○

○

○

○

○

○

○

○

○

○

○

○

○

○

○

○

■ =standard equipment ○ =optional