

# TITANIUM CASTING EQUIPMENT

## OROTIG

### Universal Single-Chamber Casting Equipment For TITANIUM & OTHER ALLOYS

Equipment for melting/casting CrCoMo, NiCr, precious and semi-precious dental alloys as well as pure titanium (max. 25-g loads).

The melting/casting takes place under an Argon-gas shielded milieu. The whole cycle (vacuum, melting, casting and cooling down in Argon-gas) takes less than 3 minutes.

The melting is made easy for any type of metal/ally by using the electric-arc provided with a rotating tungsten-made electrode.

No tapping- slog left when melting non-precious alloys.

Certified technology under the ISO 9001:2000 and EN46001, EN13585:1996 Standards.



#### TECHNICAL DATA

Type of generator for the melting.....	Inverter
Power-supply .....	230 VAC
Type of power-supply, No. of phases.....	1
Frequency .....	50/60 Hz
Power-supply absorbed during the melting.....	max 3,3 KW
Type of melting process.....	TIG/WIG
Working duty-cycle, number of melting/casting per hour .....	5
Power-supply absorbed (no melting time).....	500 VA
Max. quantity of metal/ally per melting/casting.....	30/100 g
Max. size of casting ring .....	Ø 85 mm
Min. pressure for inert Argon-gas.....	2 bar
Inert-gas consumption per melting/casting cycle .....	3 liters at 2,5 bar
Type of cooling system .....	Forced air
Max. dimensions (H x L x W).....	76 x 51 x 61 cm
Net weight, approx. ....	86 Kg



## THE ULTIMATE CASTING TECHNOLOGY

**ASEG GALLONI**

### OKAY PRESSOVAC

#### ELECTRONIC INDUCTION VACUUM/PRESSURE CASTING MACHINE



- Higher purity of casting ➤
- Greater homogeneity ➤
- Better resistance to corrosion ➤
- Prosthetic frames with minimum thickness ➤
- Reduced reaction of molten alloy with investment ➤
- Reduced casting oxide inclusion ➤
- Fully automatic Control system for melting ➤

