

INDUTHERM Induktion Tilting Furnace TF 12000



This modern melting furnace has been designed to melt fast and safely larger amounts of gold, silver, brass, bronze and aluminium alloys. Due to the strong induction generator with low frequency the melt will be mixed thoroughly. The electrical tilting is controlled by a joy stick. All relevant data are shown on the new full text LCD display.

Major applications:

- Die casting of voluminous parts like metal sculptures (also sand moulds)
- Ingot casting for refineries
- Die casting of bullions in fine gold or Ag
- Die casting of blanks for rolling mills
- Die casting of anodes for plating appliances
- Melting of scrap and main sprues in factories and casting companies
- Melting of precious metal chips and swarf from turning lathes or milling machines.

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Usable crucible volume:

TF 12000 - $12000 \text{ cm}^3 = \text{approx. } 180\text{kg Au18k}$

Heating power:

60 kW (3phase 400V), 90 A

Max. temperatures:

1300°C with NiCr-Ni thermocouple

1500°C with PtRh-Pt thermocouple (option)

Dimensions:

1.250 x 820 x 1300 (wxdxh) mm

Weight: ca. 400 kg