



BENEFITS

- Tilting Induction Melting Furnace provides improved energy efficiency vs traditional furnaces and kilns
- Better process control with high degree of controllability and repeatability
- Safe pouring of large volumes of molten metal with tilting capability
- Low maintenance requirements
- Increased productivity

UltraMelt TF is a long-lasting and durable tilting Induction melting furnace for larger volume of metals.

Good for melting up to 40kg of gold or 25kg of silver.

Models for steel are also available.

Smooth and accurate tilting control makes the pouring of the molten metal a safe and simple process.

Digital control panel with status messages and diagnostics features.

Fast induction melting using advanced circuit with low energy consumption.

Reliable equipment, easy to install, maintain and service.

HEADQUARTERS

10 Colt Court
Ronkonkoma, New York 11779
Tel: 631.467.6814
sales@ultraflexpower.com



ultraflexpower.com



FEATURES

- Power regulation (10 – 100%) with power bar-graph indicator.
- Advanced digital controls with service and diagnostics features.
- Models for steel are also available.
- Temperature controller - works with a thermocouple probe or optional IR pyrometer.
- Automatic tilting control
- Custom models with different capacities can be designed
- Left side Operator controls Interface (optional)
- Industry 4.0 ready – RS485 communication port

SPECIFICATIONS

	TF-20	TF-40	TF-20U
Power	20 kW / 25 kW	40 kW / 50 kW	20 kW / 25 kW
AC Line, (50/60Hz), 3 Phases	380 V / 480 V ±10%	380 V / 480 V ±10%	380 V / 480 V ±10%
Crucible Capacity	20 kg Gold	40 kg Gold	10 kg Gold; 7 kg Pt
Crucible Volume	1500 cm ³	2500 cm ³	700/600 cm ³
Cooling Requirements water system quoted upon request	Water (External)	Water (External)	Water (External)
Weight	350 kg (771 Lb)	370 kg (815 Lb)	350 kg (771 Lb)
Dimensions, LxWxH	73 cm x 99 cm x 136 cm (28.7" x 38.9" x 53.5")	73 cm x 99 cm x 136 cm (28.7" x 38.9" x 53.5")	73 cm x 99 cm x 136 cm (28.7" x 38.9" x 53.5")

APPLICATIONS

Melting of Metals

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