



### 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.

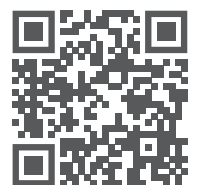
Reliable equipment, easy to install, maintain and service.

### HEADQUARTERS

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



[ultraflexpower.com](http://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
<b>Power</b>	20 kW / 25 kW	40 kW / 50 kW	20 kW / 25 kW
<b>AC Line, (50/60Hz), 3 Phases</b>	380 V / 480 V ±10%	380 V / 480 V ±10%	380 V / 480 V ±10%
<b>Crucible Capacity</b>	20 kg Gold	40 kg Gold	10 kg Gold; 7 kg Pt
<b>Crucible Volume</b>	1500 cm <sup>3</sup>	2500 cm <sup>3</sup>	700/600 cm <sup>3</sup>
<b>Cooling Requirements</b> water system quoted upon request	Water (External)	Water (External)	Water (External)
<b>Weight</b>	350 kg (771 Lb)	370 kg (815 Lb)	300 kg (611 Lb)
<b>Dimensions, LxWxH</b>	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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