ULTRAMELT TLT

MELTING FURNACES

FEATURES

- Manual tilting mechanism
- Infrared Temperature reader (optional)
- Crucible size 71 mm x 142 mm
- Compatible power generators – 12 kW and 16 kW depending on your production rate

Compact Tilting station for melting up to 3 kg Platinum

Can be customized to melt 2 kg of stainless steel or any other alloys

UltraMelt TLT is designed to work with 12 kW and 16 kW induction generators.

APPLICATIONS

Induction Melting of Metal

HEADQUARTERS

10 Colt Court
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Tel: 631.467.6814
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ultraflexpower.com
**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>UltraMelt TLT-3P</th>
<th>UltraMelt TLT-5P</th>
</tr>
</thead>
<tbody>
<tr>
<td>AC Line, (50/60Hz), 3 Phases</td>
<td>380 V/480 V ±10%</td>
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<tr>
<td>Crucible Capacity</td>
<td>4 kg Gold, 2 kg Pt</td>
<td>6 kg Gold, 3 kg Pt</td>
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<tr>
<td>Melting Temperature (max)</td>
<td>2000 °C</td>
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<tr>
<td>Cooling Requirements</td>
<td>Water (External)</td>
<td>Water (External)</td>
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<tr>
<td>Temperature measurement</td>
<td>Infrared Pyrometer (optional)</td>
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<tr>
<td>Weight</td>
<td>15 kg (33 lb)</td>
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<tr>
<td>Dimensions, LxWxH</td>
<td>78 cm x 40 cm x 30 cm (30.7&quot;x15.7&quot;x11.8&quot;)</td>
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<tr>
<td>Compatible Power Supply</td>
<td>Solo 12, Solo 16</td>
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**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 and convenient pouring of molten metal with tilting capability
- Low maintenance requirements Increased productivity

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