



• EasyMELT

Desktop Induction Heating for fast, homogeneous melting of Gold, Silver & Platinum alloys using modern technology

Quantum the well known name in jewellery industry since long consists the group of professionals, each having several years of experience in the field of analytical, scientific, process, tests & measuring instrumentation.

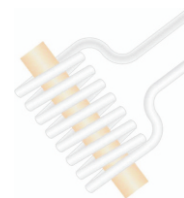
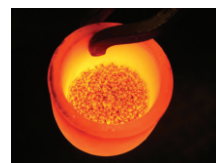
Quantum Equipment with its experience for more than 2 decades in technology introduces always innovation in precious metal industry with latest in hardware, simplicity in operations at affordable cost. World class Induction heating and melting units are introduced for various applications with different operational frequencies.

EasyMelt series is state-of-the-art product designed with knowing the present needs of fast and homogenous melting of precious alloys even for production and sample preparation. The melting process takes few minutes and desired heating temperature can be viewed on digital display.

Our Induction heating units are energy efficient compared to any conventional method of heating and have several advantages mainly as compact design, no pollution, fast heating/melting to reach the desired temp, user friendly controls, most reliable and instant Start and Stop feature to provide maximum benefits to our valuable customers. It is a CE marked product with European design and EasyMelt Air is patented for its unique air cooled technology without need for water circulation.

BENEFITS OF INDUCTION HEATING

- Improved energy efficiency
- Higher degree of controllability
- Increased repeatability
- Low maintenance requirements
- Increased productivity



FEATURES

- Timer (1 - 30 min)
- Power regulation (10 - 100%)
- LED display for Power, Time & Temp.
- Efficient coil overheating protection
- Temperature control by optional thermocouple
- Modern digital controls & diagnostics

EasyMELT

Efficient Power for Induction Heating Solutions

Technical Specifications

Parameter	EasyMelt Air 1G	EasyMelt 1G	EasyMelt 1P	EasyMelt 2G	EasyMelt 2P
Absorbed Power	2.8 kW	2.8 kW	2.8 kW	2.8 kW	2.8 kW
AC Line, Volts (50/60Hz)	230 ±10%	230 ±10%	230 ±10%	230 ±10%	230 ±10%
Line Phases	1	1	1	1	1
Crucible Capacity	1 kg Gold	1 kg Gold	50-250g Pt	2 kg Gold	200-500g Pt
Max Melting Temp.	1200°C	1200°C	2000°C	1200°C	2000°C
Cooling System	Forced Air	Water (external)	Water (external)	Water (external)	Water (external)
Weight	19 kg	18 kg	18 kg	18 kg	18 kg
Dimensions (W×D×H) mm	450x360x210	450x360x180	450x360x180	450x360x180	450x360x180

UltraMelt 4/5

Induction Melting
for 4 kg & 5 kg



UltraMelt 10/15

Induction Melting
for 10 kg & 15 kg



SuperCast FP



SuperCast Pro



SuperCast Series Applications

Spectroscopy, XRF and RFA sample preparation, re-melting, fusion of metal alloys and powders, casting of AAS, ICP, X-Emission samples, metallurgical research, Titanium and special metals casting

All configurations and specifications are subject to change without notice.

Quantum Equipment Co. Pvt. Ltd.

- 📍 301, Rajshree Plaza, L.B.S. Marg, Ghatkopar (W), Mumbai - 400 086, India
- ☎ +91 (22) 2500 5011 / 12
- 📠 +91 (22) 2500 5010
- ✉ quantum@karatmeter.com
- 🌐 www.karatmeter.com