

**Product Name :**  
Induction Melting Furnace

**Product Code :**  
ELABHTOOLSUK460005



## Description :

Induction Melting Furnace

## Technical Specification :

Operator controls- Easy to operate, no need skilled operator.  
Variable ratio output isolation transformer for matching of a wide range of loads and coils  
Durable and compact design, loaded with safety features  
Low maintenance, easy to install and move.  
Adopts the latest IGBT power units and frequency conversion control techniques with high efficiency, low energy consumption and higher output.  
Constant current and power control function providing higher reliability, sustainability and increased productivity.  
Hassle-free maintenance and minimal downtime.  
Advanced controls with diagnostic features.  
Melting material: Gold, silver, copper, aluminum and lead  
Melting capacity: 15 Kg about aluminum  
Crucible: Graphite/magnesia  
Working hours: 24 hours, non-stop running  
Frequency: 1KHZ-20KHZ  
Generator sized, dimensions (L\*W\*H): 470\*270\*450mm  
Voltage: 380V  
Weight: 28kg  
Duty cycle: 100%, 24 hours continuous working  
Max. input power: 25KW/ Max. input current: 36A  
Input voltage: 3phase 380V + 20%60HZ/ Output current: 5-45A

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Timer: Heating time: 0.1-99.9seconds, retaining time 0.1-99.9seconds  
Power supply Water flow: >0.2MPa >3L/Min  
Whole systems water flow: >0.2MPa >6L/Min  
Water way: 1 water inlet, 1 water outlet.



**Elab Engineering Equipments Manufacturers**