



\*Picture is for reference only and may differ from the final product  
 \*\* Flamefast reserve the right to change product specification without prior notice

## | OVERVIEW |

This easy to use furnace is ideal for fast melts of aluminium. The unit incorporates the Flamefast tilt and pour principle, which ensures safer metal pouring and extended crucible life.

If required, the drum assembly can be detached and carried to the mould using the Combined Lifting and Pouring Tools which are supplied as optional extras.

## | KEY FEATURES |

- Piezo ignition and flame failure device
- Super efficient insulation
- ATP10 capacity crucible pot
- Crucible lid
- Tilt handle
- Pouring gauge
- Degassing plunger
- Skimming ladle/dross lifter
- Safety burner
- Cut-out prevents burner from operating when the drum is tilted
- Operation/Instruction manual

ACCORDING TO THE HEALTH & SAFETY AT WORK ACT 1974,  
 BS 4163 AND COSHH REGULATIONS IT IS MANDATORY  
 THAT ALL FUMES MUST BE REMOVED AT SOURCE.

# SAFETY TILT CRUCIBLE FURNACE CM450



## Dimensions

Height	330 mm
Width	450 mm
Depth	330 mm
Weight	20 kg

## Optional Extras

- Replacement ATP10 crucible pot and lid
- Raised sand tray, 1200 x 800 x 300 mm (no need for a casting pit)
- Face shield
- Heat resistant gloves
- Chrome leather leggings
- Chrome leather apron
- Combined lifting and pouring handles for multiple pours
- Hardware support casting kit
- Moulding Bench
- Fume extraction to meet the requirements of COSHH Regulations

## Performance (please state gas type when ordering)

GAS TYPE	RATE	BTU/HRS	KW	PRESSURE
Natural Gas	0.94 m <sup>3</sup> /h	34,500	10.1	20 mbar
Propane	0.7 kg/h	34,500	10.1	35 mbar
Butane	0.68 kg/h	34,500	10.01	28 mbar
Max Temp	950 °C			
Electrics	3A fused spur required for interlock solenoid only			

## TYPICAL MELTING TIMES FROM COLD

Aluminium	2.9 kg in 25 minutes
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Melt times are based on Grade LM4 Aluminium and should range from 40 minutes to 60 minutes