

# THE FURNACE EXCHANGE



Unit IA, Newhaven Enterprise Centre, Denton Island, Newhaven, East Sussex, BN9 9BA



Natural draught propane fusion in action Melting Brass



Illustration showing A12 & A6 Crucible and propane fired natural draught burner. Attached to standard 47Kg cylinder available with choice of top or side flue

\* Safety precautions and operating guide lines provided on purchase of fusion furnace \*



## "Fusion" lift out crucible furnace

for melting non-ferrous metals\* - including aluminium, brass, bronze, copper, alloys, gold and silver. The "Fusion" furnace is ideal for creative art purposes, laboratories, colleges, universities, engineering societies, or as an exciting hobby for model engineers.

We can supply all the necessary equipment for small scale foundry work, including moulding boxes, moulding sand, tools, etc. and we can also provide all essential safety equipment.

Maximum capacity 18Kg brass, 6Kg aluminium

Various capacity crucibles available

Octagonal steel casing with sliding top cover and frame

Lined with low thermal mass, high temperature 1400 degrees centigrade brickwork, with ceramic fibre insulation.

Fired by propane burner on adjustable bracket. Burner complete with flame failure valve, thermocouple, regulator and pressure gauge, along with metallic covered hose.

Natural draught suitable for metals up to 1000 degrees centigrade

For higher temperature up to 1200 degrees centigrade: supplied forced draught, fitted with a fully automatic oil, gas or LPG burner, with spark ignition, flame failure motorised fan. Very low noise, operated by 13 amp single phase electric supply.



Pouring bronze into sand mould A6 crucible



Lifting out crucible to be placed into carrying shank for casting



Fusion with forced draught burner and side door for easy removal of small crucibles up to A8, supplied at extra cost