

# MELTING FURNACE

## *Equipment Picture:*



## **Description of the facility**

Electric resistance furnace for melting of light metals with provision for bottom pouring or by furnace tilting is required. Temperature range: 450 to 1150 OC with accuracy of  $\pm 5$  oC or better. Its include suitable pure graphite and alumina crucibles (2 nos. of each type).

This is a split type electric resistance furnace for pre-heating of particulate (Temperature range: 100-700 oC;  $\pm 5$  oC or better; Thyristor driven; Single RAM PID controller) under Ar atmosphere and its subsequent control addition in the melt.