



Tri Arc Furnace

Incharge: Dr. R. Naglakshmi

It is a bottom loading arc furnace with three stringers, Cu hearth and sheath. Furnace is equipped with a constant DC current power source ($I_{\max} = 510 \text{ A}$) and a maximum temperature of 3000° C can be attained. Arc melting is an efficient technique to synthesize polycrystals of various kind.