

Model 2701 Electric Arc Button Furnace

The Electric Arc Button Remelt Furnace will melt alloys up to approximately 3500° F. The sample charge can be in the form of slugs, cuttings, drillings, powders, etc. A charge of 50 grams of steel will provide a sample of 1-1/4 inch diameter and approximately 1/4 inch thick. Its primary use is for the preparation of spectrographic samples and in alloy research.



Features
Most melting times 1 minute or less
Violence of the arc provides mixing action
Anodes available in Carbon Graphite and Tungsten
Water cooled Copper Crucible tiltable for easy sample removal
Power Source can be provided by customer