

# Materials Synthesis - Arc Melting



- Specification
  - High-purity argon atmosphere
  - Operating temperature over 3500 °C
  - Top loading configuration
  - Sample weight between 0.5 and 25 g
- Suitable for synthesis
  - Alloys and compounds
  - Bulk materials
  - Buttons
  - Drop cast
  - Homogeneous mixture

**Arc melting set up**