

# LSEBM

## LABORATORY SCALE ELECTRON BEAM MELTING

Retech Laboratory Scale Electron Beam furnaces are supplied to a broad range of companies, individuals, and institutions for a wide variety of development and small batch productions.

They offer many of the same capabilities of full-size EB hearth melting furnaces, but in a more compact size.

Lab-scale furnaces have been outfitted for dual-purpose use with electron beam melting under vacuum, or plasma melting under controlled atmosphere.

### Materials

- Reactive metals
- Refractory metals
- Super alloys
- Silicon
- Thorium, depleted uranium alloys

### Applications

- Alloy development and production
- Casting in a range of sizes from small coin samples up to 2-meter ingots
- Remelt electrode production

Retech is a global leader in the supply of custom engineered Electron Beam (EB) metallurgical systems.

[Contact us to learn more.](#)

