

CWI

COLD WALL INDUCTION SYSTEMS

Cold Wall Induction (CWI)

Retech Cold Wall Induction (CWI) systems, also called Induction Skull Melting (ISM), utilize a segmented, water-cooled copper crucible, in place of traditional graphite or ceramics, thereby preventing contamination of the charge material(s). As with all Retech equipment, these systems can be configured to meet the needs of our customers and their stringent production requirements.

Features

- Precise and reliable heating
- Recipe-driven controls
- Precision pouring
- Data acquisition

Materials

- Reactive metals
- Refractory metals
- Amorphous metals
- Super alloys
- Shape memory alloys
- Silicon

Applications

- Alloy production
- Ingot casting
- Atomization
- Precision casting

For over 40 years, Retech Vacuum Induction Melting (VIM) has delivered value and competitive advantages through customer-oriented innovations.

Retech's Vacuum Induction Furnaces easily handle a wide range of materials used in everything from automotive and consumer products to critical, high-value equiax, directionally solidified, or single-crystal aerospace parts.

Visit us online to learn more.

