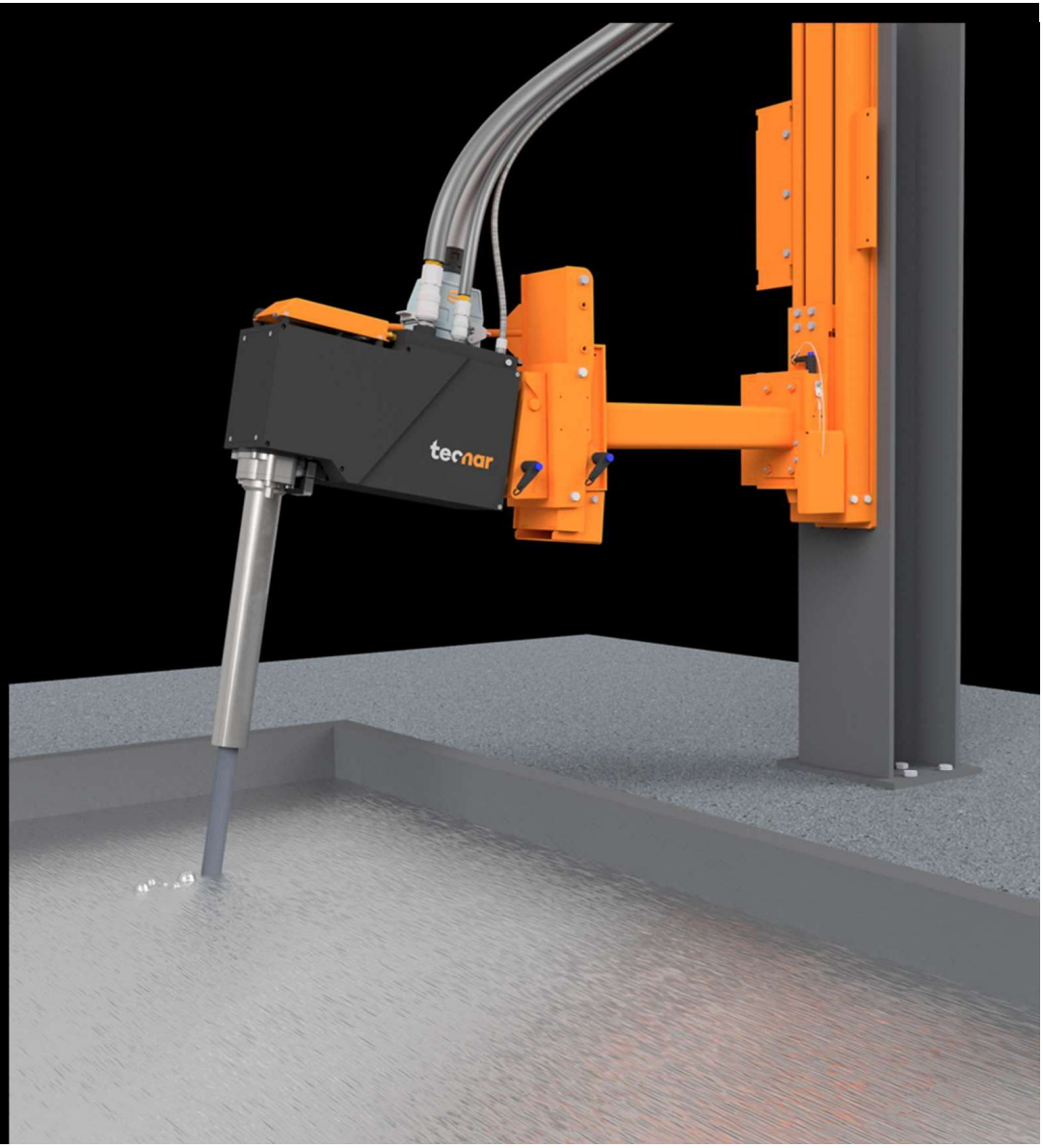
How does the Alulibs works

1. A ceramic lance is plunged underneath the surface of the melt
2. An argon flow is maintained in the lance to prevent metal from rising in the lance
3. The laser fires, triggering a plasma underneath the surface of the melt, inside the bubble, accessing clean molten metal
4. An optical fiber collects the light emitted by the plasma and delivers it to the spectrometer



Alulibs First Installation

Installed in March 2021 and has been running 24/7 to date.

Large US based secondary aluminum producer, 330 million ingots/year.

Cast Alloys: 319, 332, 356, 380, 383, 390, 413

Minimal & inexpensive maintenance (replaced window).

No change since installation in measurement stability and reliability.