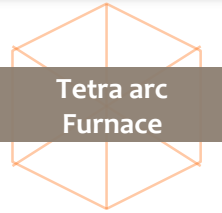


Tetra arc furnace

(Electric arc heating type CZ furnace)

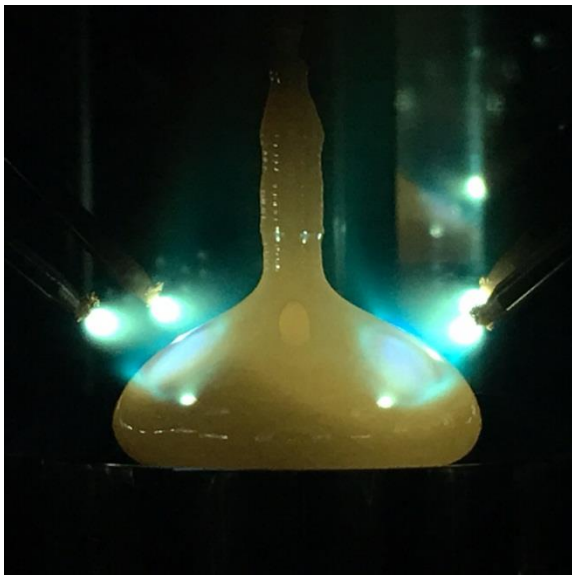
- Quick crystal growth
- High vacuum system
- High temp growth



Product Information



Photograph of Crystal Tetra arc furnace



View of Crystal growth via Tetra arc furnace

Outline

Tetra arc furnace is a one of Czochralski furnace

High-melting-point material is melted by four electric arcs

Temperature of the sample in the hearth is uniformly.

Contamination in the chamber is easily cleaned up

Specification

Arc generator / Getter generator	200A
Rotation speed	0-10rpm
Pulling speed (slow)	0-39mm/ hour (servo-motor)
Pulling speed (high)	175mm/min (fix)
stroke	150mm
Vacuum discharge system	Turbo molecule pump:240L/sec + Rotary pump: 200L/min

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