Compact R&D furnace

μ-PD furnace and Bridgman furnace

Ideal for sample testing & research

Excellent in thermal uniformity

In a tabletop size

Resistance heating μ-PD furnace

Ideal for sample test & research, to make fiber crystal

μ-PD (Micro-Pull Down) method single crystal growth furnace grows various crystals by pulling down the seed from a small hole in the bottom of the crucible. It is suitable to the development of oxide single crystal and the material properties characterization.

Possible evaluation of the physical properties of the material at low cost

Easy to install for a compact furnace high 1500mm (patent pending)

Centralized control, screen configuration by PC (all 5 screens)

➢ **Specification**

Heating method	Resistance heating, Pt heater, KANTHAL
Heating temperature	Max. 1700℃
Heater capacity	6kW
Atmosphere	Air・vacuum

Compact Bridgman furnace

Ideal for the evaluation of physical properties

This is the perfect Bridgman furnace for the research and development, the evaluation of raw materials.

Compact and high-frequency induction heating type .

Ideal for evaluation of the physical properties in a tabletop size

Excellent in thermal uniformity

➢ **Specification**

Power supply	Max. output 20kW, frequency 15kHz
Heating temperature	1600℃
Crystal size	1～2 inch