

Crystal puller C-01

(Induction heating type
Czochralski furnace)

- Compact quartz chamber
- Movable upper flange & stainless double door
- Movable work coil

Crystal puller
C-01

Product Information



Photograph of Crystal puller C-01



Photographs of upper flange (left) and quartz chamber (right).



Crystals for your future



Sample of grown single crystal.

C&A Corporation

Outline

Crystal puller C-01 is a Czochralski furnace with the induction heating.

Crystal puller C-01 has quartz tube chamber and stainless double door. Melt surface can be observed by CCD camera.

The movable upper flange enhance the workability.

The movable work coil enable to control temperature gradient during crystal growth.

Control over the Internet is possible.

Specification

RF Power Source	40 kW
Maximum temperature	2100°C (Depend on the crucible)
Pulling speed	0.1~10 mm/hr 2~300 mm/min
Oscillating frequency	5~9.9 kHz
Electrical source	3φ200 V±10%, 50/60 Hz
Growth process control	Personal computer

Single Crystal Growth Service
Consulting of crystalline business
Scintillator crystals, arrays and scintillation detectors
Piezoelectric crystals and piezoelectric devices