

Rotational Lifter

Model EF-6000

Model EF-8000



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1. Outline

This system is one of the important equipment for preparing feed rods for growing single crystals by Optical Floating Zone Furnace.

Feed rods can be heated homogeneously during repeated ups-and-downs in vertical sintering furnace, resulting in its straight and uniform sintered density. This is the most effective method to prepare feed rods.

2. Basic parameters to be input:

- Rotation speed of sample rod
- Up-and-down speed
- Up-and-down times
- Up-and-down distance

3. Specification

No		EF-6000	EF-8000
1	Stroke	600 mm	800mm
2	Rotation rate	5~50 rpm continuously	5~50 rpm continuously
3	Moving rate (ups-and-downs)	5~60 mm/minute continuously	5~60 mm/minute continuously
4	Number of ups-and downs	1~9999	1~9999
5	Length of ups-and-downs	1~200 mm	1~200 mm
6	Dimension Height Width	2,000 mm 450 mm	2,000 mm 450 mm
7	Electric power	200V 5A single-phase	200V 5A single-phase