

*Standard Type*  
***Four Mirror Furnace***



***Model: FZ-T-12000-X-VII-VPO-PC***



***Crystal Systems Corporation***

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**Specification** (Regarding details, please contact Crystal Systems Corporation)

Model		FZ-T-12000-X-VII-VPO-PC			
Type of Lamp		Xenon			
Number of Lamps		4			
Shaft sealing		Sealed with O-ring			
Max Pressure		0.95 MPa			
Max Vacuum		$5 \times 10^{-5}$ Torr ( $6.7 \times 10^{-3}$ Pa)			
Max Temperature		3,000 °C			
Typical Operating Temp.		2,800 °C			
Lamps applied		3000 W			
Max difference of Circumference Temp.		< 50 °C			
Power Fluctuation		Less than $\pm 0.4\%$ against $\pm 10\%$ of source fluctuation			
Utility	Electricity	3-phase, 200V, 100A			
	Cooling water	5L/min			
size	(mm)		Main body	Control box	Power box
		Width	1050	600	800
		Depth	820	760	700
		Height	2250	1700* <sup>1</sup>	1900

Remark 1. Above specification might be changed without prior announcement.

\*<sup>1</sup> 1700mm include Gas Box. Without Gas Box, the height becomes 1250mm.