



Beijing

PMT Co., Ltd.

📍 No. 15 Longma Street, Shunyi District, Beijing

☎ +86-10-69586020

🌐 www.chinapmt.com

Zhuzhou

Hunan PMT Co., Ltd.

📍 No.816 Mingri Road, Tianyuan District, Zhuzhou City, Hunan



Ultra-Smooth
Surface



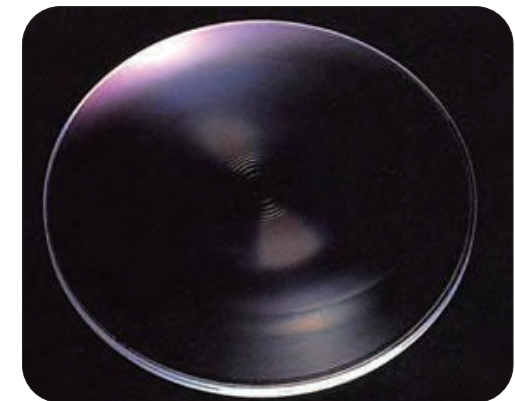
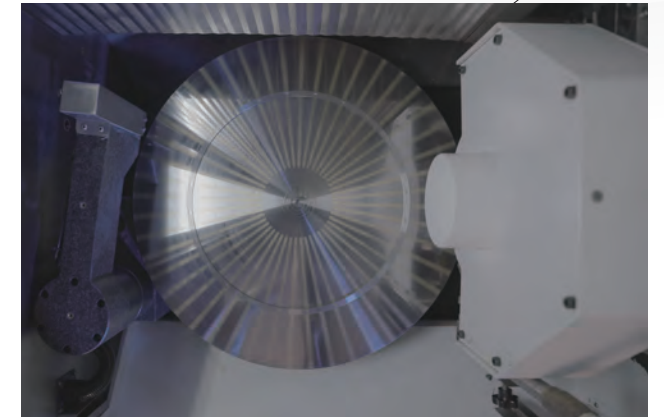
High
Rigidity



High
Precision

OPTICAL CNC GRINDING MACHINE FOR MASK ALIGNER PARTS ULTRA-PRECISION MANUFACTURING

PMT VG series



Application

- Ultra-precision grinding of photolithography machine components, diffractive optics, and geometric optics parts.

Item	Spec.	Unit	500VG CNC	700VG CNC	800VG CNC	1000VG CNC	1200VG CNC
Travel	X axis travel	mm	600	700	750	850	950
	Z axis travel	mm	250	250	250	300	300
Rotary table	Diameter	mm	500	700	800	1000	1200
	Radial runout	μm	0.05				
	Axial runout	μm	0.05				
Spindle	Radial runout	μm	Standard 2μm, option: 0.5~0.05μm				
	Axial runout	μm	Standard 2μm, option: 0.5~0.05μm				
	Max. grinding wheel speed	m/s	35				
Feed system	Min. feed increment	μm	0.1				
Accuracy	X/Z positioning	μm	±1 (option 0.3)				
	X/Z repeatability	μm	±0.5 (option 0.1)				

Note: Information presented in this catalog is subject to change without prior notice. Specifications shown may vary depending on optional configurations or periodic design changes.