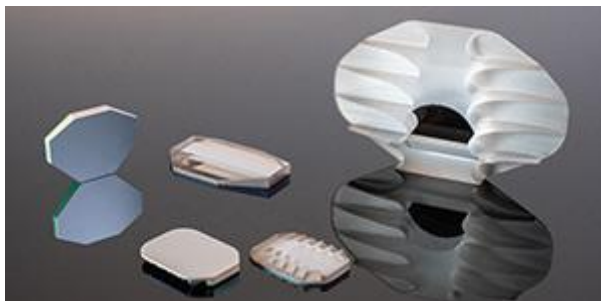




LAYERTEC 激光反射扫描镜 420-670nm (入射角 0 - 45° 反射率 99.9% 连续激光器件)



描述

扫描镜用于激光材料加工，使激光束在工件上快速灵活地移动。它们的背面通常被磨成片状。由于这种特殊的设计，它们非常薄且轻，以实现方向的快速改变。

扫描镜是 LAYERTEC 产品系列的重要组成部分。为此目的开发的层设计提供了高性能稳定性和必要的反射角不变性。尤其是金属基镜与介电层的组合可增加功率激光器的反射率，从而允许在加工区域区域直接成像。

通用参数

扫描镜按型号 9 条

型号	规格	正/背面形状及涂层	涂层参数
Turning Mirror 103512 Corning 7980 2F or equal	 $\varnothing = 25 \text{ mm}$  $t = 6.35 \text{ mm}$	Front Side (S2)  plane Rear Side (S1)  plane	Front Side (S2) HRu(22.5°, 355nm) > 99%
Scanning Mirror 100490 Corning 7980 2F or equal	 $\varnothing = 12.7 \text{ mm}$  $t = 6.35 \text{ mm}$	Front Side (S2)  plane Rear Side (S1)  plane	Front Side (S2)  HRs,p(0-45°, 420-670nm) > 99.9%
Turning Mirror 168353 Corning 7980 2F or equal	 $\varnothing = 25 \text{ mm}$  $t = 6.35 \text{ mm}$	Front Side (S2)  plane Rear Side (S1)  plane	Front Side (S2)  HRs,p(0-45°, 420-670nm) > 99.9%
Scanning Mirror 111448 Corning 7980 2F or equal	 $\varnothing = 25 \text{ mm}$  $t = 6.35 \text{ mm}$	Front Side (S2)  plane Rear Side (S1)  plane	Front Side (S2) HRs,p(0-45°, 470-490nm) > 99.8%



型号	规格	正/背面形状及涂层	涂层参数
		plane	
Scanning Mirror 100542 Corning 7980 2F or equal	 $\varnothing = 25 \text{ mm}$  $t = 6.35 \text{ mm}$	Front Side (S2)  plane Rear Side (S1)  plane	Front Side (S2) $\text{HRs}, p(0-45^\circ, 532\text{nm}) > 99.9\%$
Turning Mirror 107010 Corning 7980 2F or equal	 $\varnothing = 12.7 \text{ mm}$  $t = 6.35 \text{ mm}$	Front Side (S2)  plane Rear Side (S1)  plane	Front Side (S2) $\text{HRs}, p(0-45^\circ, 633\text{nm}) > 99.95\%$ $\text{HR}(0^\circ, 580-745\text{nm}) > 99.95\%$ $\text{HRs}, p(45^\circ, 545-660\text{nm}) > 99.95\%$
Scanning Mirror 126680 Corning 7980 2F or equal	 $\varnothing = 25 \text{ mm}$  $t = 6.35 \text{ mm}$	Front Side (S2)  plane Rear Side (S1)  plane	Front Side (S2)  $\text{HRs}, p(22.5-45^\circ, 960-1090\text{nm}) > 99.9\%$
Scanning Mirror 112673 Corning 7980 2F or equal	 $\varnothing = 12.7 \text{ mm}$  $t = 3.05 \text{ mm}$	Front Side (S2)  plane Rear Side (S1)  plane	Front Side (S2)  $\text{HRu}(0-45^\circ, 1064\text{nm}) > 99.8\%$
Scanning Mirror 100482 Corning 7980 2F or equal	 $\varnothing = 12.7 \text{ mm}$  $t = 6.35 \text{ mm}$	Front Side (S2)  plane Rear Side (S1)  plane	Front Side (S2)  $\text{HRu}(0-45^\circ, 1064\text{nm}) > 99.8\%$

扫描镜 按涂层波长共 7 条

类型	波长范围	R(反射率)	T(透射率)	D(群延迟色散)	入射角	偏振	规格种类
HR	355 nm	> 99 %			22.5°	unpol.	1
HR	420 - 670 nm	> 99.9 %			0 - 45°	s,p-Pol.	2
HR	470 - 490 nm	> 99.8 %			0 - 45°	s,p-Pol.	1
HR	532 nm	> 99.9 %			0 - 45°	s,p-Pol.	1
HR	633 nm	> 99.95 %			0 - 45°	s,p-Pol.	1
HR	580 - 745 nm	> 99.95 %			0°	unpol.	
HR	545 - 660 nm	> 99.95 %			45°	s,p-Pol.	

HR	960 - 1090 nm	> 99.9 %			22.5 - 45°	s,p-Pol.	1
HR	1064 nm	> 99.8 %			0 - 45°	unpol.	2