

產品介紹

FiberScan™ HR是用於高功率雷射光源的掃描頭，包括光纖、盤式雷射、二氧化碳和二極體雷射。可用於直徑為48mm的準直光束，FiberScan™ HR可以在系統領域中的任何點提供20+ kW的雷射功率。FiberScan™ HR採用直接水冷銅光學器件，用於其光路中的所有波長，藉以提供穩定的超大功率輸出能力，並具有最小的聚焦點移位。

應用範圍

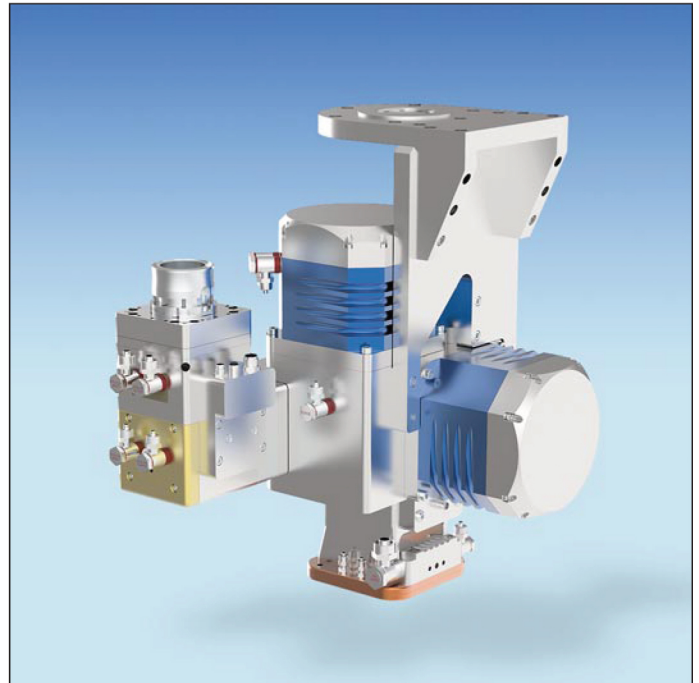
金屬異材填料焊接、遠程飛行焊接、大面積金屬修覆加工、3D列印、表面清除

產品特色

- 專為高功率設計 (20+ kW)
- 可為特定應用配置不同模組
- 反射式水冷光學鏡組
- 簡潔的光學系統
- 密封式機體與氣刀

選配：

- 焊縫追蹤系統
- 小範圍高度感測、自動對焦
- 焊道盤控系統



Laser Mechanisms' FiberSCAN™ HR provides a solution for very high power scanning, stirring, wobbling or spot welding.

Specifications

Laser Power	20+ kW
Scan Motion	Programmable frequency & waveform with feedback
Scan Frequency (depends on feature size)	up to 100 Hz for 1 mm circle
Shapes	Standard shape library with custom shape capability
Field of View (depends on focal length)	40 mm x 40 mm (1.6" x 1.6") for f=350 mm (14")
Seam Tracking	Optional
Interfacing	Start/Stop; scan program; orientation of weld line
Electrical Supply	90-246 VAC, 1-Phase, 47-63 Hz, 14A @ 115 VAC Typical, 7A @ 230 VAC Typical
Dimensions	300 x 350 x 320 mm ³ (12" x 14" x 13")
Weight	~25 kg (~55 lbs.)

Specifications subject to change without notice.

SCANNING SOLUTIONS

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