



DUMA 光束分析仪 BeamOn HR 1 Inch (UV to 1350nm)



产品描述:

用于激光束轮廓分析的新型创新计量 1 英寸大探测器, 20 MP, 2.4 x 2.4 微米像素大小 激光束和 VCSEL 阵列的平行测量从深紫外到 1350 nm 的大光谱范围。

创新的 20 MP 大孔径光束分析仪, 在 NIR 处具有更高的灵敏度, 最高可达 1350 nm 用于多光束分析的多个活动区域
多功能 - 测量轮廓、功率和位置。

产品应用:

-  VCSEL 测量, 测量宽光谱激光束 - 从 30 微米到 8 毫米
-  高功率激光器的高精度测量

BEAMON-1": 该系统由摄像机、电缆、安装柱、手提箱、CD/闪存驱动器上的软件组成

技术参数:

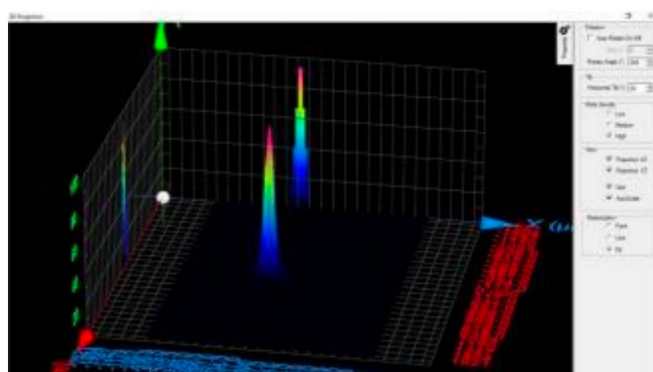
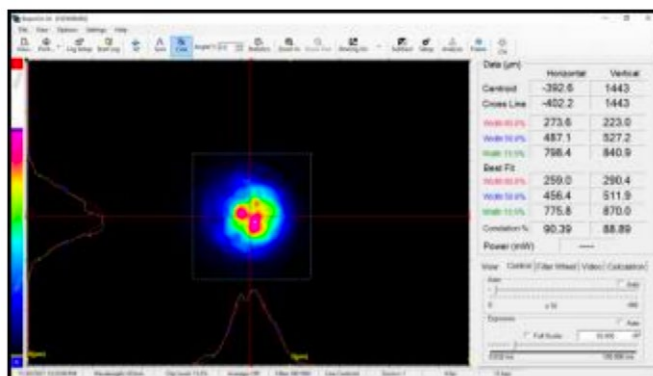
Laser Type	CW & Pulsed
Beam width resolution	1 micron or better
Resolution (H x V pixels)	5496 x 3672
Beam Size	Φ30 μm - Φ8 mm
Spectral Response	350 – 1600 nm (VIS NIR)
Sensor Active Area (mm)	Diagonal 15.9 mm 13.2 x 8.8, sensor can be divided into multiple active areas, working in parallel for up to 400 sectors (NEW)
Gain Control	Up to 450
ADC Dynamic Range	16 bit
Shutter Speed	Shutter - 32 μsec to 2000 sec





Pixel Size	2.4 μm x 2.4 μm
Exposure Control	Programmable via GUI
Accessories	- IR Edge Filter
	-C- Mount Filter
Power Supply	~10 Watt , 5V 3A
Housing Size in mm	$\Phi 62$ (see drawing)
Weight (typical)	300 gr.
Min. Hardware Requirements	CPU i3 1.6 GHz, 4 GB RAM
Interface – USB 3.0	Windows 8/10/11
Mechanical Interface	Post mounting: M4
	Optical attachments & filters: C-mount

Wavelength	633	980	1310
Saturation	20 $\mu\text{W}/\text{mm}^2$	100 $\mu\text{W}/\text{mm}^2$	0.2 W/ mm^2
Sensitivity	Better than 1 nanoW/ mm^2	Better than 1 nanoW/ mm^2	20 $\mu\text{W}/\text{mm}^2$



产品尺寸:

