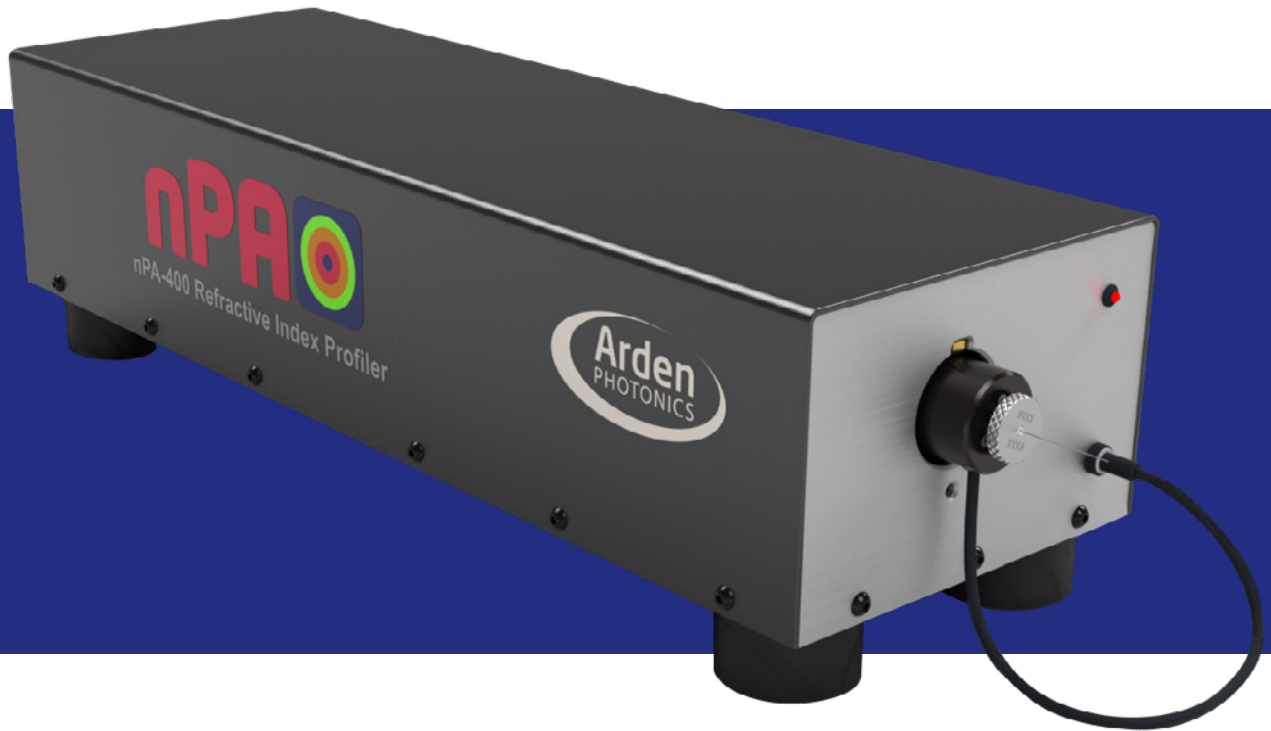




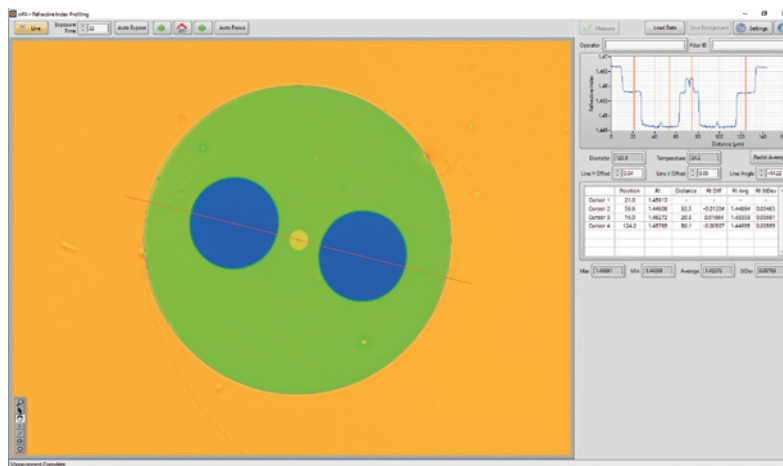
# nPA-400 折射率分析仪



nPA-400 折射率分析仪使用改进的折射近场技术来分析光纤端面，以确定完整的二维折射率分布。nPA-400 是获取验证特种光纤设计和制造过程所需的折射率数据的快速简便方法。

## 特点与优势：

- 在 2 分钟内完成光纤样本的准备和测试
- 测量直径达 400  $\mu\text{m}$  的光纤
- 在几秒钟内完成2D测试 - 无需耗时的数据重建
- 支持测试非圆形对称光纤——适用于 PM、八边形、多芯
- 可溯源校准





# nPA-400 折射率分析仪

## Technical Specifications

### Measurement Capabilities

Refractive Index Repeatability*	0.0002
Fiber Diameter	40 to 400 $\mu\text{m}$
Fiber Material	Silica glass
2D Measurement Time**	< 5 sec
Measurement Range***	+/- 0.025

\*Repeatability is measured on a 125  $\mu\text{m}$  MM fibre sample without removing from the measurement cell

\*\* averaging 5 images

\*\*\* around reference fluid index

### Optical

Measurement Wavelength	630 nm
Maximum Field of View	520 $\mu\text{m}$
Image Sensor	1.1 inch CMOS, 4096 x 3000 pixels resolution

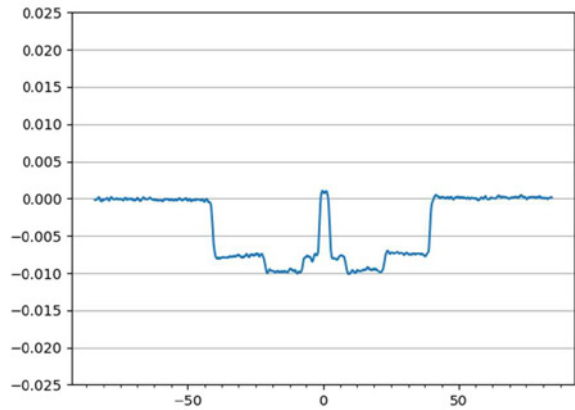
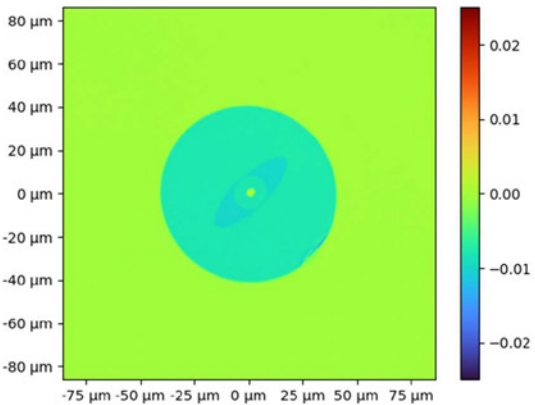
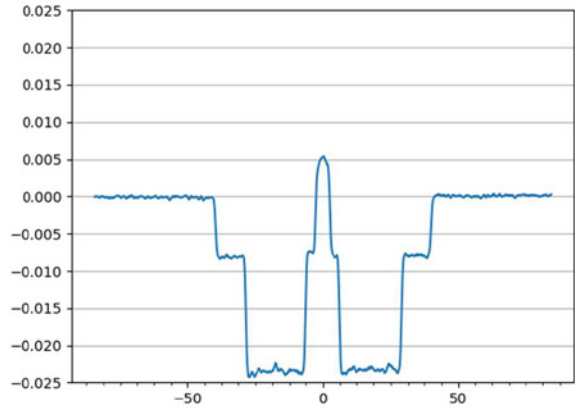
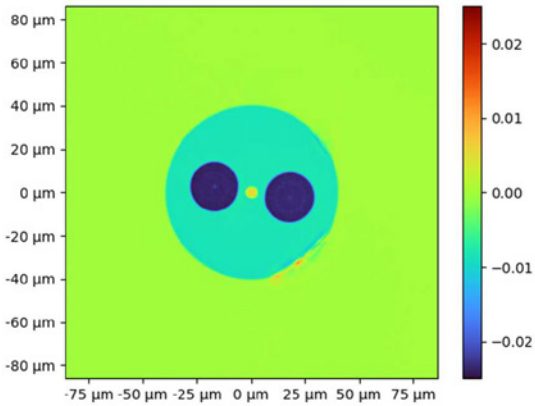
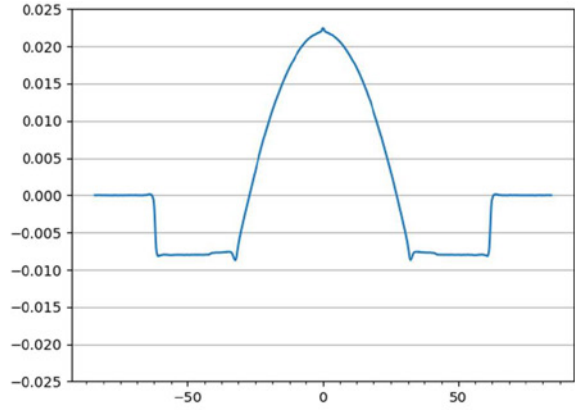
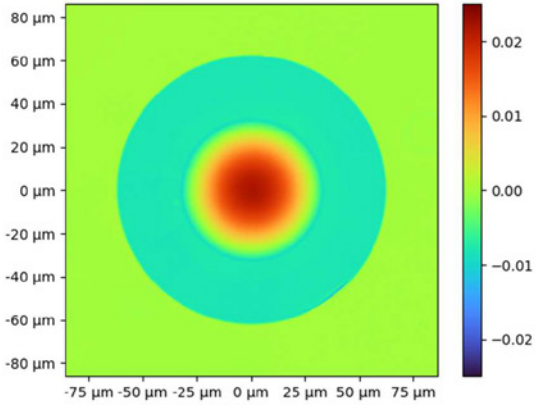
### Physical

Weight	6 kg
Size	0.5m x 0.16m x 0.13m
Operating Temp	15 – 30°C
Performance Specification	Validated at 22°C
Computer Requirements	All systems are supplied with a computer running up-to-date Windows operating system
Data Interface	1 X USB 3.0 (USB A to USB B: 1m cable supplied)



# nPA-400

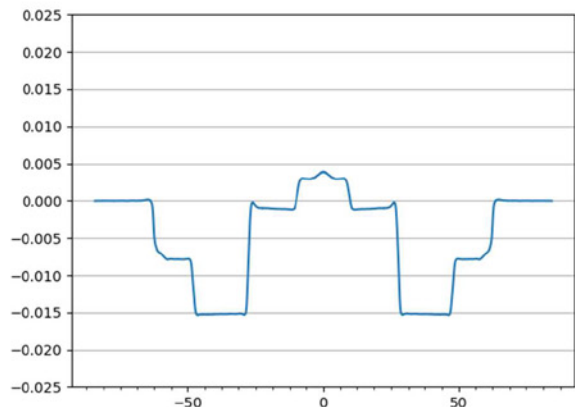
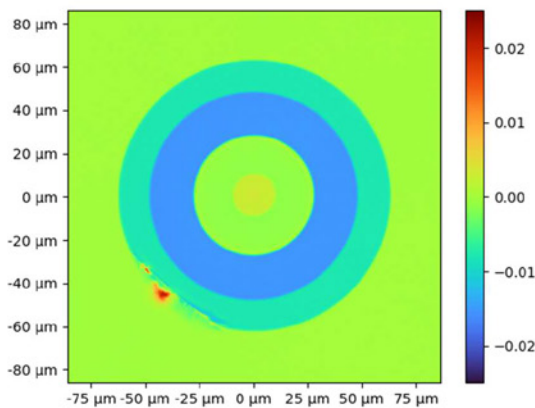
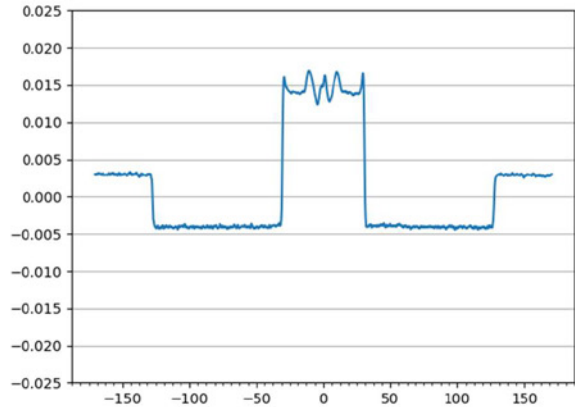
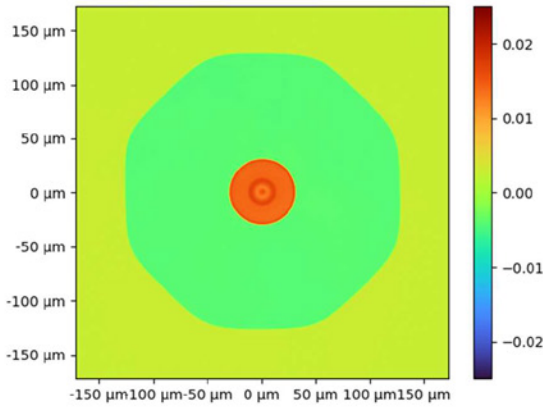
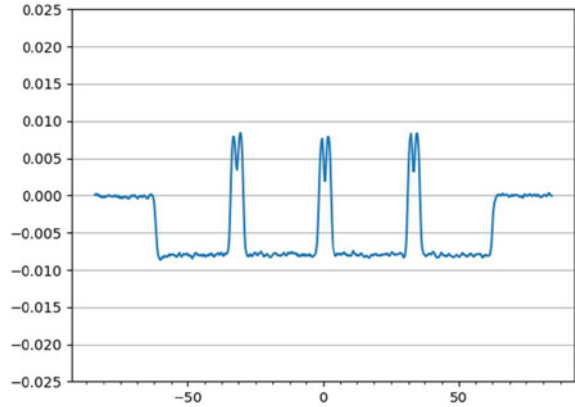
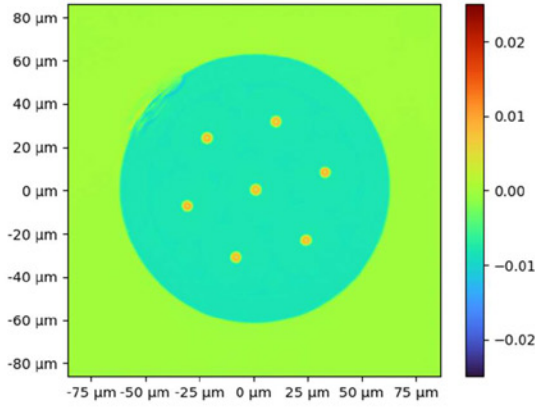
## Refractive Index Profiler





# nPA-400

## Refractive Index Profiler



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