A New Generation Demands A New Fiber Index Profiler!

IFA-100 **Multiwavelength** Optical Fiber Analyzer

- Multiwavelength
- No cleave required
- Sub-µm spatial resolution
- Applicable to any fiber type
- Fast measurement time
- Measure splices, tapers, couplers
**Sample data:**

![Graph showing refractive index and spatial resolution](image)

**IFA-100 specifications:**

- **Refractive index accuracy:** +/- 0.0001
- **Spatial resolution:** ~ \( \lambda/2 \) (i.e. 250 nm for 500 nm wavelength)
- **Measurement wavelength:** 450 nm through 1 \( \mu m \)
- **Fiber diameter:** 40 \( \mu m \) to 400 \( \mu m \)
- **Fiber material:** Silica glass, non-silica glass, plastic
- **Concentricity error measurement:** +/- 20 nm
- **Core non-circularity error measurement:** +/- 0.1%
- **Fiber type:** singlemode, multimode, microstructured, PM, rare-earth, cladding-pumped, large mode area, high-\( \Delta \), etc.