



Quality of Excellence, presented by Sintec Optronics

IFA-100: Fiber Profile Analyzer

The IFA-100 Multi-wavelength Optical Fiber Analyzer can measure the refractive index profile of an optical fiber without need for a cleave at wavelegnth from 375nm to 2 microns !

Features:

- Multi-wavelengths
- No cleave required
- Sub- μm spatial resolution
- Applicable to any fiber type (PM, non-symmetric etc.)
- Fast measurement time
- Measure splices, tapers, couplers

Applications:

- High power fiber design
- Nonlinear fiber design
- Specialty fiber design
- Measured refractive index can be used in simulations



FMA-100: Fiber Mode Analyzer

We introduce the all-new FMA-100 Fiber Mode Analyzer based on exclusive patent-pending technology. The instrument quantifies the modal content of optical fibers and can also provide intensity and phase images of constitutive modes.

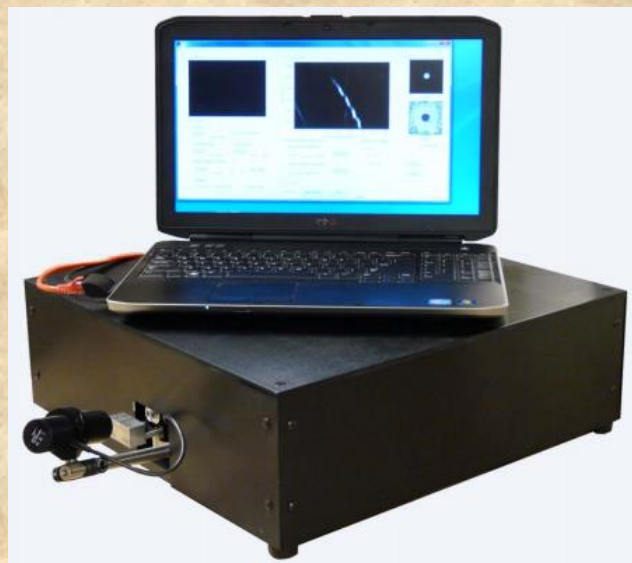
Features:

- Identify distinct spatial modes
- Quantify relative mode power
- Obtain mode amplitude & phase profiles
- Qualify fibers, components, splices
- Measure in seconds



Applications:

- High power fiber design
- Nonlinear fiber design
- Specialty fiber design
- Measured mode profiles can be used in simulations



High power fiber devices (WDM, couplers, isolators, etc)

In high power laser builds, fiber components need to be able to with stand hundreds of watts of optical power without causing the glass to melt. Our fiber devices can handled from tens of Watts to hundreds of Watts. We are able to custom build for Kilo-Watts of CW power.

Features & Applications :

- Standard and features components with high reliability for EDFA and mini EDFA applications
- High power fiber laser design and applications
- Customise to the power level needed
- Fiber communications network components
- FTTH applications
- Couplers, splitter modules, Mux/DeMux, connectors
- Components of fiber sensors
- Components of fiber medical instruments





Laser World of Photonics in Shanghai 2014

Sintec Optronics successfully participated in Laser World of Photonics China in Shanghai from March 18 to 20, 2014.



The director of the company, Dr. James Chen, met with the reporters during the exhibition.



SINTEC NEWSLETTER

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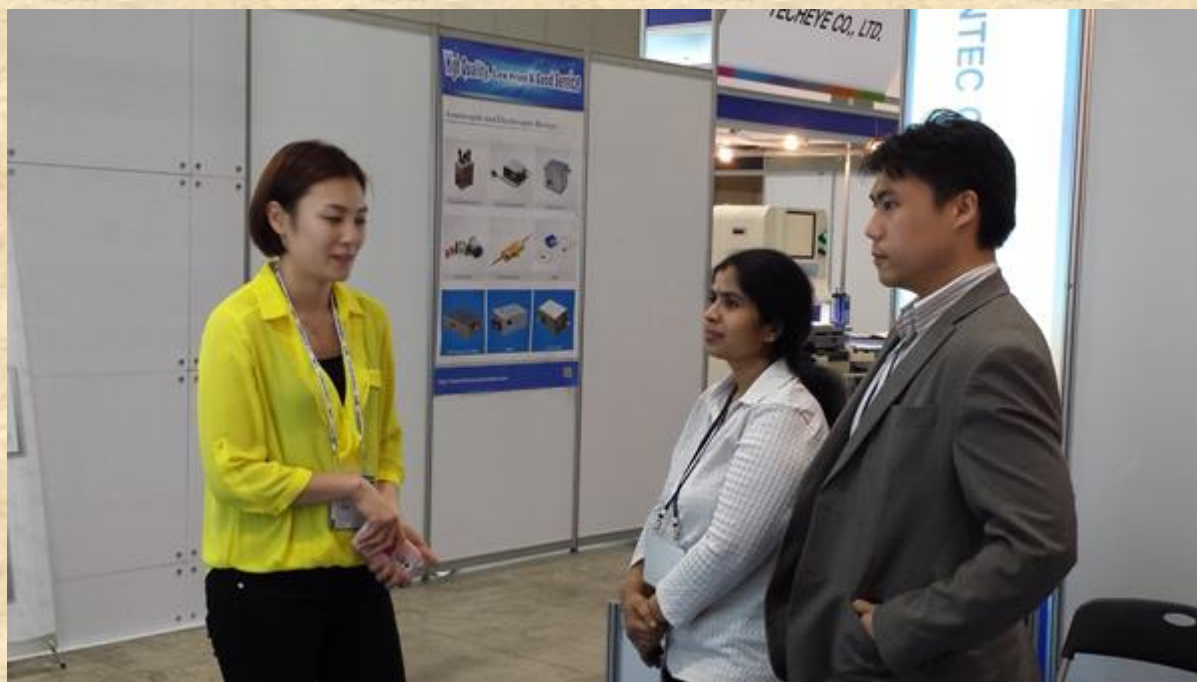
Laser Expert in Singapore

April 2014 Issue

<http://www.SintecOptronics.com>

Photonics Seoul 2014

Sintec Optronics successfully participated in Photonics Seoul from April 2 to 5, 2014.



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