

# SANA MINI Fiber Endface Interferometer



SANA mini is a portable, non contact fiber endface interferometer developed by dimension for single fiber connector. The interferometer has a very high performance while the size of the instrument is incredible small. SANA mini need only a USB link to work without any external power supplies. It can test the geometry parameters of single fiber connectors such as radius of curvature, apex offset and fiber height. The data and report are generated in excel format and very helpful in management and analysis. SANA mini is a suitable interferometer for field usage.

## Main Features

- Portable fiber endface interferometer
- 1 USB needed to provide data link and power supply
- Auto centering fiber
- 2s need for single measurement
- Bare fiber and bare ferrule measurement

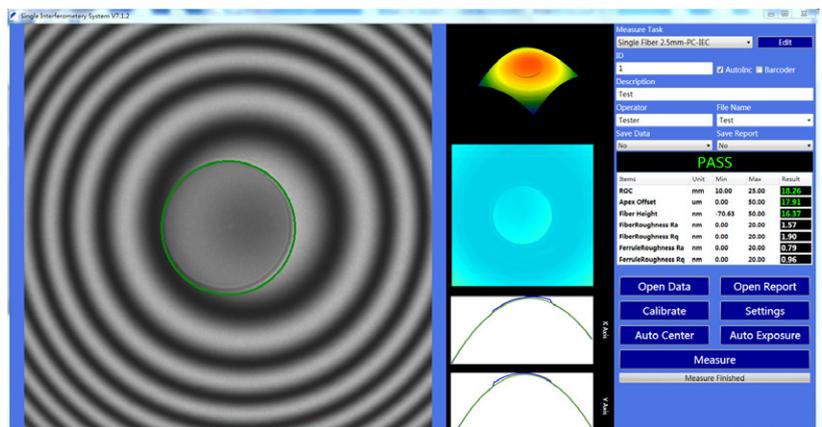
## Applications

- Used for testing optical fiber devices during polishing and assembly.

### Light Weight and Portable Size

Portable Size : L12XW5.3XH8(cm) .Weight: 0.8kg.El-egant Design. USB Connection Only, No Additional Power needed.

### User Friendly Interface and Excellent 3D Image

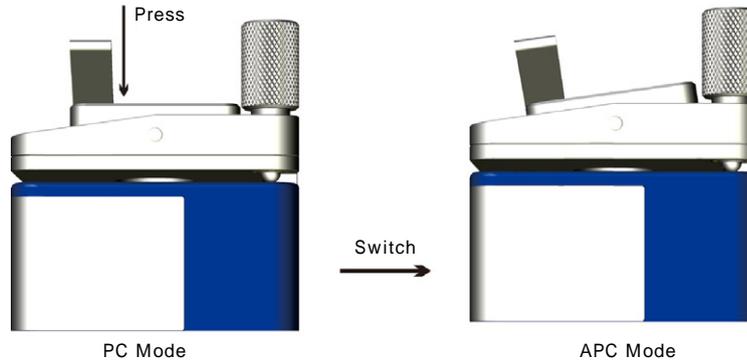


SANA mini fiber endface interferometer has a software that is easy to operate and user friendly. It can change the language just in the software and has real 3D rebuilding functions. User can analyze the situation of the endface by 3D images. The plot picture and roughness picture are also provided to assist the engineers to adjust the process. The test report and data of the test are also generated automatically for analysis and tracing.

## Easy to Operate

The focus handle and product is at the same side and very easy to operate. SANA MINI has the same interface as SANA. No need to change operation habit.

SANA MINI needs only a press to change between PC&APC measurement.



## Unique Fixtures

Universal 2.5mm fixture and universal 1.25mm are included; 2.5mm fixture is able to test FC/PC, SC/PC, ST/PC, E2000/PC, DIN, FC/APC, SC/APC; 1.25mm fixture is able to test LC/PC, MU/PC, LC/APC; Changing between PC and APC is very easy.

## Strong Testing Ability

Based on the hardware and software platform, SANA MINI can accurately measure and re-build the 3D profile of Fiber connectors. SANA MINI is certified by Telcordia for the accurate and reliable geometric measurement.

## Specifications

Ltem	Range	Repeatability	Reproducibility
ROC(mm)	3~Flat	±0.1%	0.2%
Fiber Height (nm)	-160~+160	+/-1	+/-2
Apex Offset(um)	0~200	+/-0.5	+/-1.5
APC Angle ( ° )	0(PC) or 8(APC)	0.02	0.03
Testing Speed(S)		1.5s	
Light Source		RED LED	
Weight		0.8kg	
Size(HXWXD)		120mmX53mmX80mm	

\* Sigma Values

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