

Core Tuner S- Auto Fiber Concentricity Tester

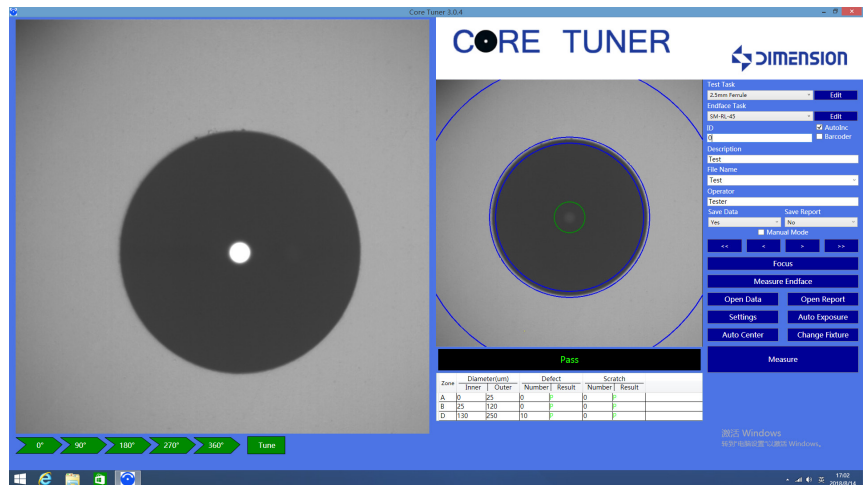
FEATURES:

- High accuracy
- High repeatability
- Auto exposure
- Auto focus
- Auto mark KEY
- Can test APC connector, Easy to use
- Vibration resistance



Auto

Manual



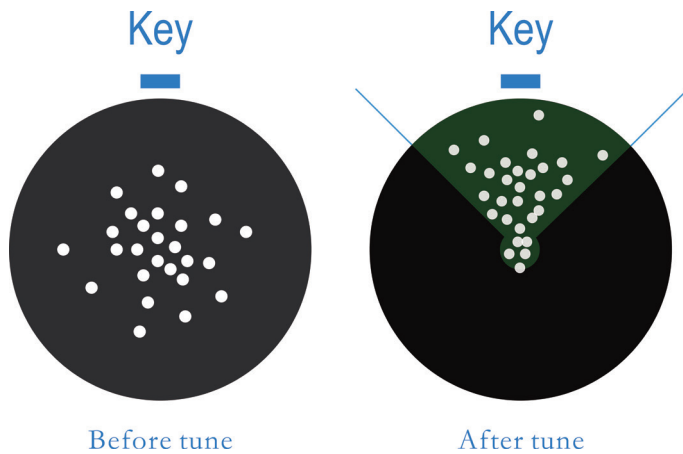
Function Introduction

Fiber connector has loss in data-link due to many causes, such as horizontal mismatch, vertical mismatch and axial mismatch. The main cause of insert loss is horizontal mismatch. The mismatch between two fiber cores will cause large insert loss.

High Accuracy, High Repeatability

Here are 10 PCS tested pieces of charts and data, using 100000 times fixture repeat test after aging 20 times of the test data.





Auto Mark Key

Core Tuner S at 2.5 mm / 1.25 mm Ferrule measurement mode, the single test task is completed, the hardware automatic adjust the Angle of Bearing to the required range, at the same time the software Interface indicates KEY position, convenient for the subsequent assembly work.

Powerful Testing Function

Core Tuner not only can measure the optical fiber connector after assembly concentricity, can also test of optical fiber connector assembly concentricity, and adjust the fiber Core of deviation Angle, labeled assembly position, so as to reduce the wastage of the optical fiber connector, the connector of the overall quality improved greatly.

Core Tuner tuning right at the same time can also detect naked insert Core concentricity, as well as the single Core insert Core, connectors, face detection.

Can Test APC Connector

CORE TUNER not can detect PC connectors, but also can detect APC connectors without replacing fixture.

Specifications

Item	CORE TUNER C	CORE TUNER S
Rotate way	Manual	Auto
Test Speed	8s	4s
Concentricity Repeatability	$\pm 0.1\mu\text{m}$	$\pm 0.08\mu\text{m}$
Bearing angle Repeatability	$\pm 10^\circ$	$\pm 5^\circ$
Focus	Auto	
Image Brightness	Auto	
Applications	PC & APC 1.25mm ferrule & connector PC & APC 2.5mm ferrule & connector	
Power supply	DC 24V	
Size (H*W*D)	270mm* 150mm* 112mm	