SUMIX

09/19/2025

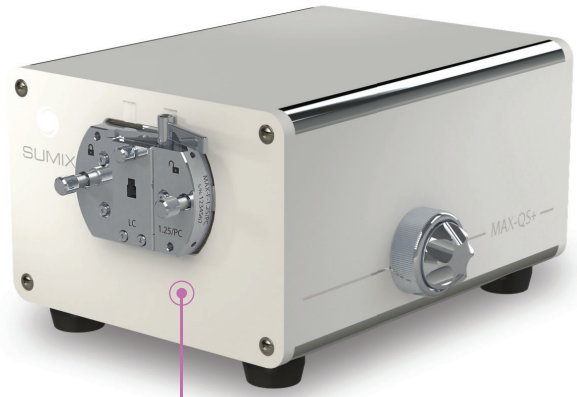
MAX and WIZ
interferometers

Single fiber | Multi-fiber | Phase shift, white light | Scratch detection | Auto focus | Industry standards | PASS/FAIL verdict

WIZ-QS-112
for single fiber connectors

1 sec | 2.5 µm





MAX-QS-H
for single fiber connectors

2 sec | 1.1 µm

MAX-QM-H
for single and multi-fiber connectors

3 sec | 2.2 µm

1 sec





MAX-Quantum
for single and multi-fiber connectors

7 sec | 1.47 µm

1 sec

	Inspection of Single Fiber		Inspection of Single and Multi-Fiber	
	WIZ-QS-112	**MAX-QS-H**	**MAX-QM-H**	**MAX-Quantum**
Inspection objects:				
Single Fiber Patchcords	●	●	●	●
MIL Spec Termini	●	●	●	●
Cleaved bare fiber	●	●	◉	●
SMA	◉	◉	●	●
MT, MPO 12/16, Cleaved ribbon			●	●
Application:				
Production, QA & Field	●	●	●	●
Laboratories		●		●
Features and Specifications:				
Anomalies detection		●		●
Whitelight mode	●	●	●	●
Optical resolution, µm	2.5	1.1	2.2	1.47
Field of view, mm	1.65 × 0.93	1.53 × 0.86	7.68 × 4.32	6.0 × 4.4
Measurement time	1.3 sec	2 sec	3 sec (MT12), 1 sec (SF)	7 sec (MT12), 1.4 sec (SF)
Scan range for fiber height, µm	100	100	100	100
Compact size	●	●	●	●
Calibration-free upon fixture change	●	●	●	●
Auto-focus	●	●	●	●
Data-base connectivity	●	●	●	●
Side+Front View compatibility			●	●
Possibility of polarity check			●	●
Price	★	★★	★★	★★★

MaxInspect

Industry-leading inspection software

The software is provided with predefined Pass/Fail criteria per IEC standards or you can set your own parameters for specific applications (e.g. when launching a new product).

MaxInspect™ software provides the following **tools for integration** into customer's manufacturing systems:

- Export of results to Excel/CSV files;
- Direct connection to customer's SQL database;
- MaxInspect™ WebSocket API;
- Centralized MaxInspect™ database.



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