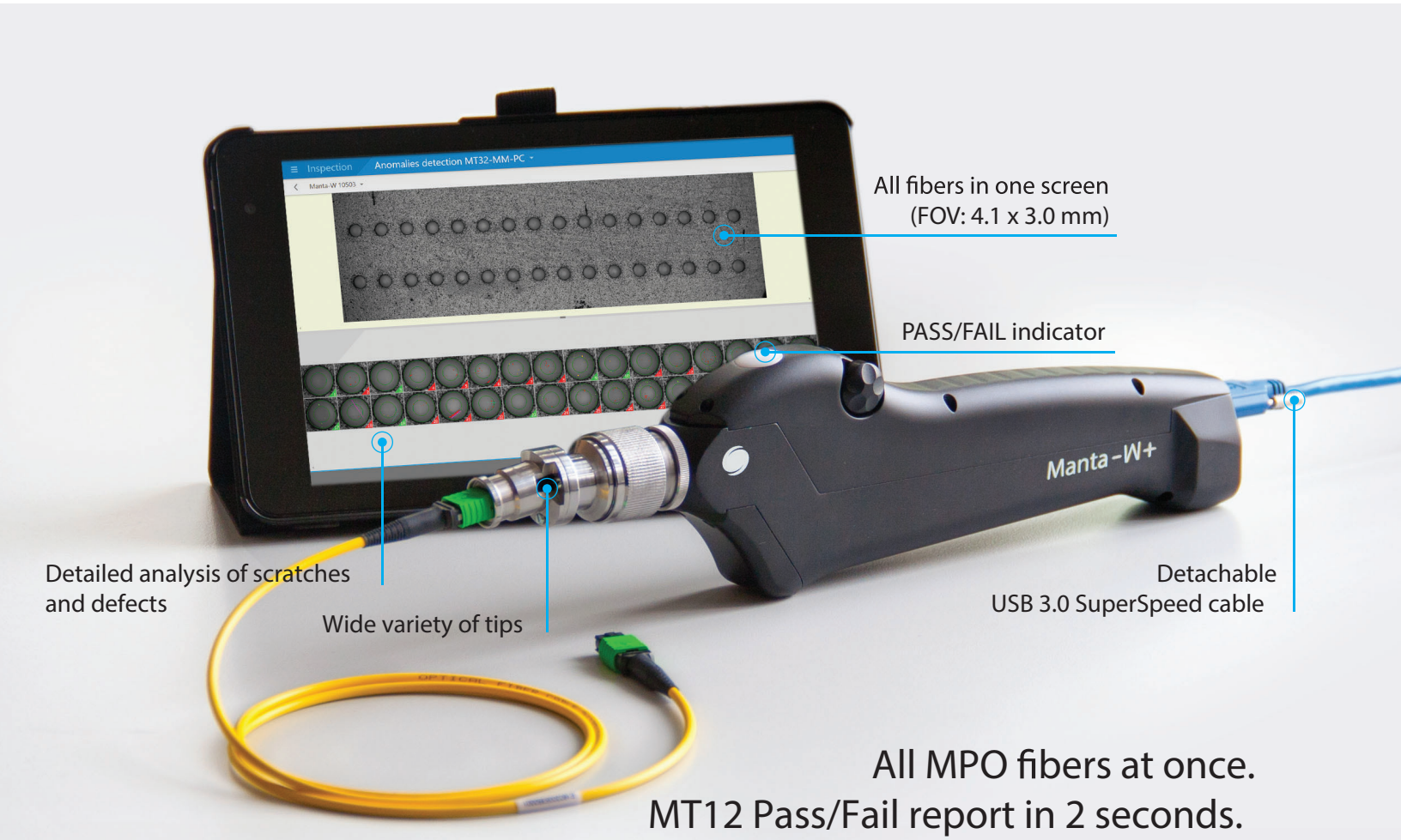
SUMIX

3532 Seagate Way, Suite 100,
Oceanside, CA 92056, USA
http://www.sumix.com
E-mail: info-team@sumix.com
Tel.: +1 (877) 233-3385

SENKO®
Advanced Components

Manta-W+

microscope probe



All MPO fibers at once.
MT12 Pass/Fail report in 2 seconds.

- Single fiber
- Multi-fiber
- Auto focus
- 0.75 µm defect size detection
- Scratch detection
- Industry standards
- PASS/FAIL verdict
- Up to 96 fibers in just one scan

2019 LIGHTWAVE INNOVATION REVIEWS
● HONOREE ●

"Great option for MTP/MPO testing; ability to check up to 96 fibers on one screen is impressive. Broad range of compatible connectors makes it an even more impressive product."

—The Lightwave Innovation Reviews, judge's comment

Application

- field inspection;
- in lab or production as a benchtop microscope (with a cradle)

Specification

Connectors tested: male and female MPO connectors (SM and MM), MT ferrules, LC, FC, SC, E2000™, QSFP, ARINC, MIL-38999, High-power SMA, Avim, mini-Avim, and more. Patchcord and bulkhead side. Custom tips can be developed for special connectors.

NEW: Tips for 3M™ Expanded Beam Optical Connector, ODC®, Q-ODC®, MXC®, HMFOC and CS® connectors added to the range.

Field of view: 4.1 × 3.0 mm

Defect size detection: 0.75 µm

Optical resolution: 1.8 µm

Magnification: 260×

Focus: Autofocus

NEW: Focus-stacking feature added to handle the cases when a connector is not inserted properly and only part of the ferrule gets in focus.

Camera type: CMOS, 12MP, monochrome

Power source: USB 3.0 port of PC

Dimensions (H × W × L): 70 × 28 × 246 mm (2.76 × 1.1 × 9.69 inches)

Weight: 435 g (0.96 lbs)

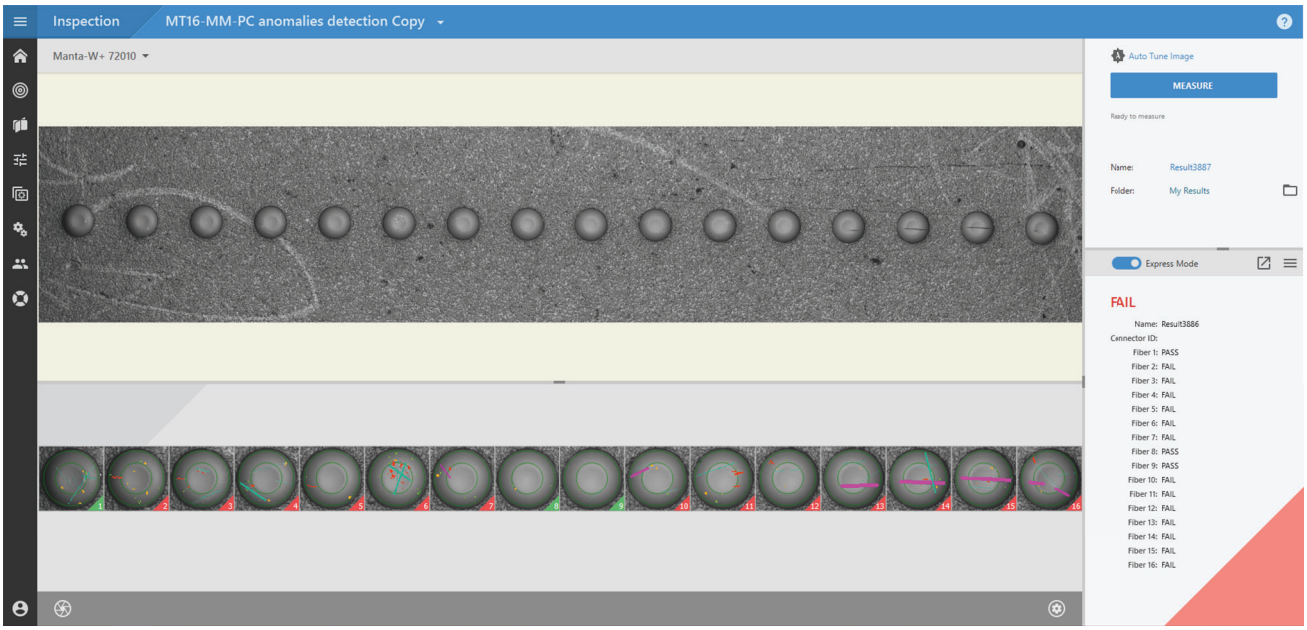
Material: aluminum housing, stainless steel barrel

Compatible with: desktop PC, laptop, tablet

Operating system: Windows 7 SP1 or newer (Windows 10 recommended)

Kit contents: SMX-Manta-W+ microscope, USB 3.0 cable, Case, MaxInspect analytical software

NEW: Sumix now offers a variety of optical connector cleaning tools to cover all your inspection and cleaning needs in one purchase.



Measurement result for 16-fiber MPO connector.