

Distribution in the UK & Ireland

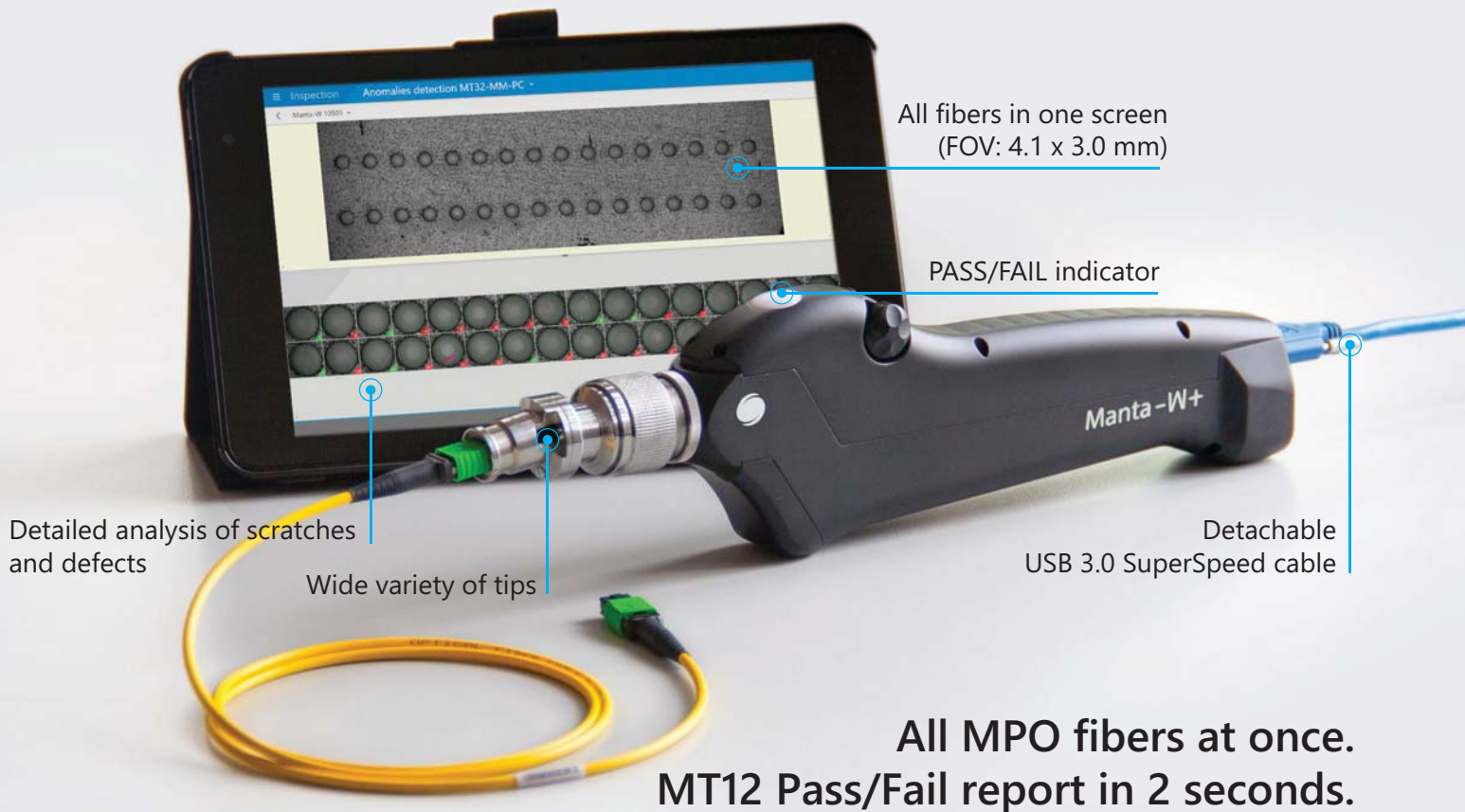


**Lambda**

[www.lambdaphoto.co.uk](http://www.lambdaphoto.co.uk)

# Manta-W+

## microscope probe



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



Single fiber



Multi-fiber



Auto focus



0.75  $\mu$ m defect  
size detection



Scratch  
detection



Industry  
standards



PASS/FAIL  
verdict



Up to 96 fibers  
in just one scan



*"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)

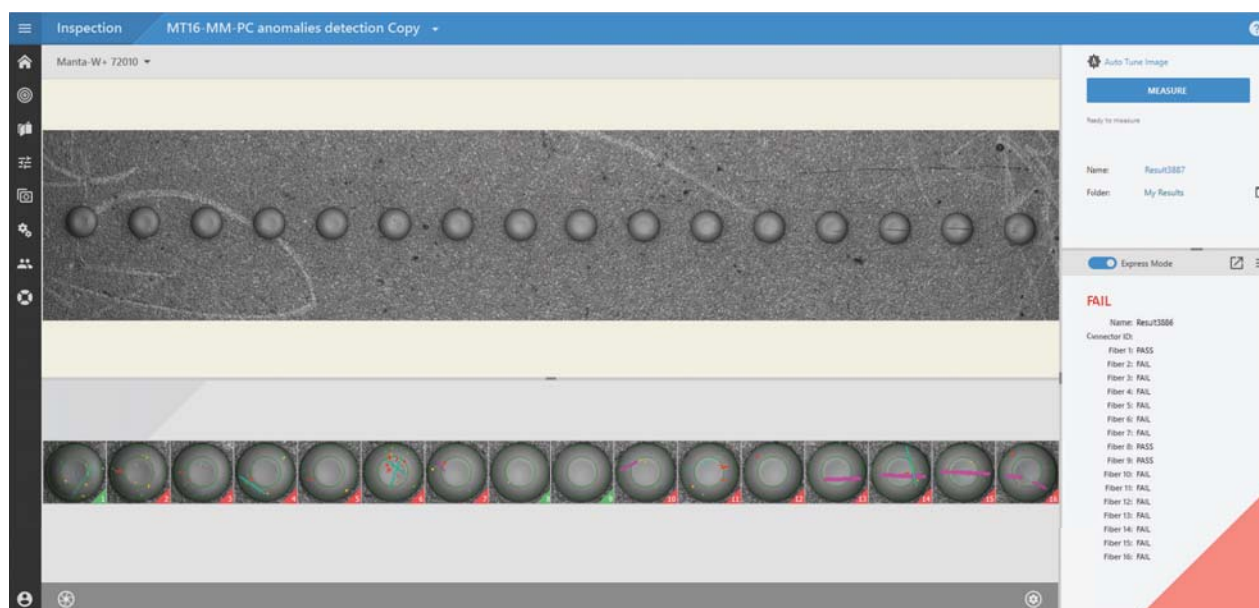
Material: aluminum housing, stainless steel barrel

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.