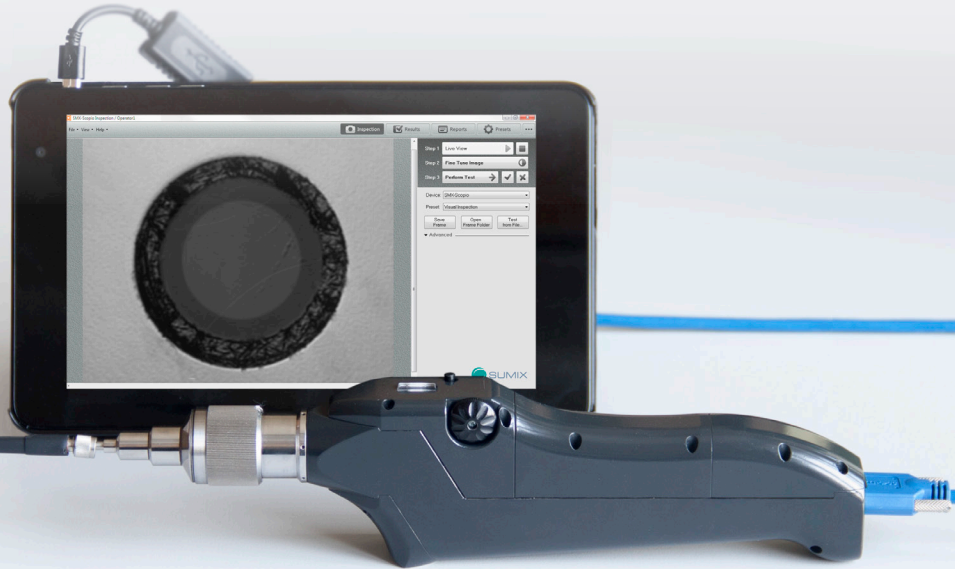


SMX-Manta

Handheld Probe



for single-fiber and multi-fiber inspection

Sumix introduces revolutionary handheld microscope probe primarily designed for testing of MTP/MPO and SMA connectors. Multi-fiber inspection is now easy as never before – the whole connector is tested in just two scans. With the resolution of a benchtop microscope, the probe gives the possibility to check multi-fiber, SMA and single-fiber connections in the field. SMX-Manta can be used for visual inspection of the connector end face for scratches, defects and contaminations, as well as for Pass/ Fail testing by IEC standards or user-defined criteria.

Features and Benefits

Large field of view (2.4 x 1.8 mm)

Test multi-fiber connectors with up to 72 fibers in just two scans. Check the whole SMA connector endface in one shot.

High resolution

Enjoy high-accuracy testing with 1.8 μm resolution and 0.75 μm defect size detection capability perfect for testing both multi-fiber and single fiber connectors.

Compact and ergonomic design

Be free to use the probe as a handheld or desktop unit with a prop.

Smart and user-friendly software

Benefit from automated inspection of connectors. Use preinstalled Pass/Fail criteria based on IEC standards or set your own limits.

Wide variety of tips

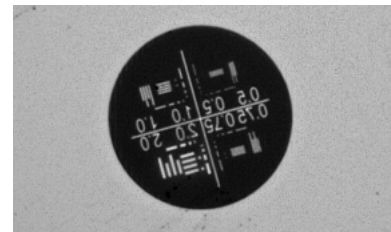
Inspect single-fiber, multi-fiber, SMA and other military connectors, both the patch cord and bulkhead side of fiber interconnect.

Extended working distance

Get inside patch panels to test MTP/MPO and other connectors.

Compatibility

Connect SMX-Manta to a PC, laptop or a tablet.



光技術をサポートする

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Specifications

Field of view: 2.4 × 1.8 mm

Defect size detection: 0.75 μm

Optical resolution: 1.8 μm

Magnification: 290×

Light source: royal blue LED, 447.5 nm

Camera type: digital, USB3.0

Sensor type: monochrome, 2592 × 1944,
1/2.5" CMOS

Live image: 800 × 800, 50 fps
2592 × 1944, 14 fps full resolution

Power source: USB 2.0/3.0 Port of PC

Cable: USB 3.0, detachable

Physical

Dimensions (H×W×L): 64 × 28 × 233 mm
(2.52 × 1.1 × 9.17 inches)

Weight: 425 g (0.94 lbs)

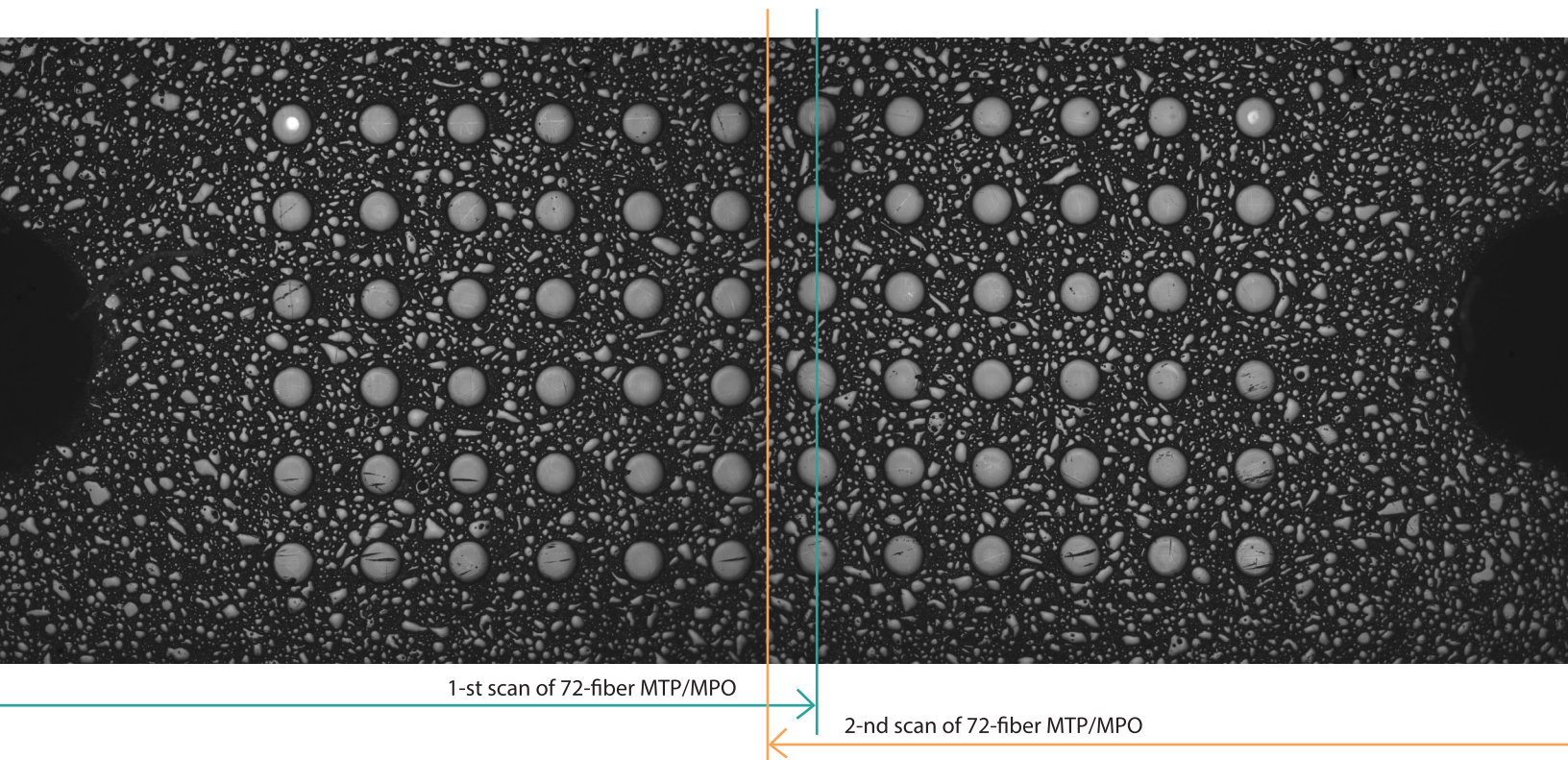
Housing material: aluminum

Barrel material: stainless steel

Applications

Optimal for connectors: industrial, telecommunication, military

Used with: desktop PC, laptop, tablet



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