

SMX-A1 Series

Standalone probes for checking the endface clarity of single and multi-fiber connectors.



The SMX-A1 probes feature:

- Wide FOV for inspecting all MPO fiber ends in one shot.
- Switchable straight or pistol form factor for hard-to-reach spaces.
- Built-in 4.3" touchscreen for standalone inspection.
- Smart QC software for Pass/Fail judgement: MaxInspect™ for Android.
- Octa-core CPU for fast operation and processing.
- Storage for up to 200,000 test results.
- LED flashlight for patch panel illumination.

Two models available:

SMX-A1 - without wireless connectivity for secure applications,

SMX-A1-WiFi - with integrated Wi-Fi/Bluetooth connectivity for data transfer.

Contact us to get a quote or request a demo:

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Specification

Field of view:	4.2 × 2.8 mm
Effective resolution:	1.6 µm (based on MTF calculations)
Magnification:	0.75 µm/px
Screen size and resolution:	4.3", 480 × 800 px
Power source:	Lithium-ion 5800 mAh battery; Quick Charge 3.0 support via USB type-C
Battery operation time:	in typical operation mode – 4-6 h, in heavy tests – up to 3h
Memory card compatibility:	yes (Micro SD, Micro SDHC, Micro SDXC)
Focus:	autofocus
Measurement time:	3 - 4 sec for MT12 ferrule, under 5 sec for LC duplex
Camera type:	USB 3.0, 20 Mpx
Dimensions:	305 × 68 × 74 mm (rod-type), 217 × 199 × 74 mm (pistol-type)
Housing material:	aluminum alloy
Connectors supported:	MPO 12/16, MT 12/16 (up to 6 rows of fibers) - PC/APC, Male/Female, LC, SC, E2000, MU, ST, FC, CS, MDC, SN, OptiTip, OptiTap, ODC-2, ODC-4, ODC-12. Further types can be added upon request.

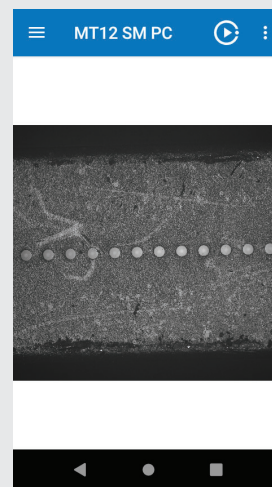


for Android

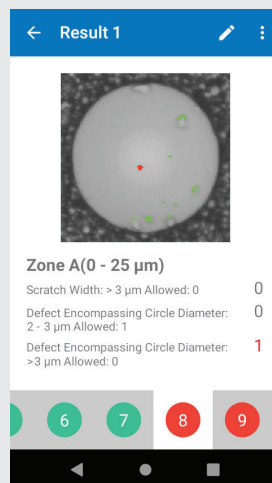
The inspection result at your fingertips. Literally.

Use pre-installed inspection scenarios or customize them up to your corporate requirements or regulations.

Review measurement result data and mapped anomalies to check the defects and contamination before and after cleaning.

A screenshot of the 'MT12 SM PC' inspection form on an Android device. The form has a blue header with a back arrow, the title 'MT12 SM PC', and a save icon. It contains several input fields: 'Task name' (MT12 SM PC), 'Fiber Diameter' (125.00), 'Fibers per row' (12), 'Rows count' (1), 'Column distance' (250.00), and 'Row distance' (250.00). The bottom of the screen shows the Android navigation bar.

Examine ferrule surface.
Check the details if needed
using multi-touch gestures.

A screenshot of the 'Result browser' table on an Android device. The table has a blue header with a menu icon, the title 'Result browser', and a settings icon. It contains a list of inspection results with columns for result name, date, and time.

Result browser		
Result 8	Single fiber	04-May-23 15:56
Result 7	Single fiber	04-May-23 15:53
Result 6	Single fiber	04-May-23 15:52
Result 5	MT12 SM PC	03-May-23 17:24
Result 4	MT12 SM PC	03-May-23 17:11
Result 3	MT12 SM PC	03-May-23 17:09
Result 2	MT12 SM PC	03-May-23 17:00
Result 1	Single fiber	03-May-23 14:45

The bottom of the screen shows the Android navigation bar.

Upload the results to a
centralized database.
Export PDF reports via USB
or Bluetooth® connection.