

Manta+

microscope probe



Large field of view
(2.4 x 1.8 mm)

Detailed analysis of defects

Wide variety of tips

PASS/FAIL indicator

USB 3.0 SuperSpeed
connection


software supplied with Sumix probes



Single fiber



Multi-fiber



Auto focus



High resolution



Scratch
detection



Industry
standards



PASS/FAIL
verdict



Up to 72 fibers
in two scans

SMX-Manta+ probe accessories

Multi-fiber testing

For checking fibers (up to 6 rows of 12 fibers, 16/32 fibers, 96 fibers) R Series - the tip rotates by 180 degrees	MNT-MPO-PC-F-R	for inspection of MTP/MPO connectors in adapters (PC and APC respectively)
	MNT-MPO-APC-F-R	
	MNT-MPO-PC-M-R	for inspection of MTP/MPO connectors (patch cord side) (PC and APC respectively)
	MNT-MPO-APC-M-R	
For checking the whole ferrule surface (fibers and guide holes) S Series -the tip slides to sides and rotates	MNT-MT-PC-R	for inspection of MT ferrules (PC and APC respectively)
	MNT-MT-APC-R	
	MNT-MPO-PC-F-S	for inspection of MTP/MPO connectors in adapters (PC and APC respectively)
	MNT-MPO-APC-F-S	
For checking fibers and guide holes, desktop use L Series - the tip slides to sides with the lever.	MNT-MPO-PC-M-S	for inspection of MTP/MPO connectors (patch cord side) (PC and APC respectively)
	MNT-MPO-APC-M-S	
	MNT-MT-PC-S	for inspection of MT ferrules (PC and APC respectively)
	MNT-MT-APC-S	
For checking fibers and guide holes, desktop use L Series - the tip slides to sides with the lever.	MNT-MPO-PC-F-L	for inspection of MTP/MPO connectors in adapters (PC and APC respectively)
	MNT-MPO-APC-F-L	
	MNT-MPO-PC-M-L	for inspection of MTP/MPO connectors (patch cord side) (PC and APC respectively)
	MNT-MPO-APC-M-L	
For inspection of Senko IP MPO/PC connectors	MNT-MT-PC-L	for inspection of MT ferrules (PC and APC respectively)
	MNT-MT-APC-L	
	MNT-MPO-PC-H	for inspection fibers and guide holes (PC and APC respectively)
	MNT-MPO-APC-H	
For inspection of Senko IP MPO/PC connectors	MNT-MPO-PC-IP1-H	for inspection fibers and guide holes (PC and APC respectively)
	MNT-MPO-APC-IP1-H	
For inspection of MPO transceivers	MNT-MPO-PC-A75-H	for inspection fibers and guide holes (PC and APC respectively)
	MNT-MPO-APC-A77-H	
For inspection of Q-ODC12, plug/ socket	MNT-MPO-PC-H	for inspection fibers and guide holes (PC and APC respectively)
	MNT-MPO-APC-H	
	MNT-Q-ODC12-PC-P-SL	for inspection fibers and guide holes, plug (PC and APC respectively)
	MNT-Q-ODC12-APC-P-SL	
For inspection of Q-ODC12, plug/ socket	MNT-Q-ODC12-PC-S-SL	for inspection fibers and guide holes, socket (PC and APC respectively)
	MNT-Q-ODC12-APC-S-SL	

SMA and single-fiber testing

For inspection of SMA connectors	MNT-3.2/SMA-M	for inspection of SMA connectors with 3.2 mm ferrule and FP end face
For inspection of E2000	MNT-E2000/PC-F	for inspection of E2000 (PC and APC respectively) connectors in adapters
	MNT-E2000/APC-F	
For inspecting MINI-AVIM APC connectors	MNT-MINI-AVIM/APC-F	for inspecting MINI-AVIM APC connectors in adapters
	MNT-MINI-AVIM/APC-M	for inspecting Mini-Avim single-mode connectors
For inspecting Avim multi-mode connectors	MNT-AVIM/PC-F	for inspecting Avim multi-mode connectors in adapter
	MNT-AVIM/PC-F-AR	for inspecting Avim multi-mode connectors inside a plate
For inspecting Glenair ball lens connectors	MNT-GBL	for inspecting internal surface of Glenair ball lens connectors
	MNT-GBL-ADP	for inspecting external surface of Glenair ball lens connectors

Note: SMX-Manta+ probes can be used with SMX-series single fiber tips (to be coupled with MNT-ADP adapter)

Please contact salesteam@sumix.com to receive more information.