

# Manta-W+

microscope probe



**Inspect MPO in 4 seconds.  
Anomalies detection included.**



Single fiber



Multi-fiber



Auto focus



High resolution



Scratch  
detection



Industry  
standards



PASS/FAIL  
verdict



Up to 72 fibers  
in just one scan

Inspection Tips for patchcord and bulkhead use available for all types of single-fiber and multi-fiber optical connectors included but not limited to: MT, MPO, LC, FC, SC, E2000, PRIZM, QSFP, ARINC, MIL-38999, ODC12, High-power SMA, Avim, mini-Avim and more.

# SMX-Manta-W+ probe accessories

## Multi-fiber testing

MPO patchcords, male and female, SM and MM	MNT-W-MPO-PC-M	for checking fibers
	MNT-W-MPO-APC-M	
	MNT-MPO-PC-M-L	for checking the whole ferrule surface (incl. fibers, guide holes)
	MNT-MPO-APC-M-L	
MPO patchcords, male and female, SM and MM, bulkhead side,	MNT-W-MPO-PC-F	for checking fibers
	MNT-W-MPO-APC-F	
	MNT-MPO-PC-F-L	for checking the whole ferrule surface (incl. fibers, guide holes)
	MNT-MPO-APC-F-L	
MT ferrules, SM and MM	MNT-W-MT-PC	for checking fibers
	MNT-W-MT-APC	
	MNT-MT-PC-L	for checking the whole ferrule surface (incl. fibers, guide holes)
	MNT-MT-APC-L	
Senko IP MPO connectors	MNT-MPO-PC-H	for checking fibers and guide holes
	MNT-MPO-APC-H	
	MNT-MPO-PC-IP1-H	for checking fibers and guide holes
	MNT-MPO-APC-IP1-H	
MPO transceivers	MNT-MPO-PC-A75-H	for checking fibers and guide holes
	MNT-MPO-APC-A77-H	
Q-ODC12, plug/socket	MNT-Q-ODC12-PC-P-SL	for checking fibers and guide holes, plug
	MNT-Q-ODC12-APC-P-SL	
	MNT-Q-ODC12-PC-S-SL	for checking fibers and guide holes, socket
	MNT-Q-ODC12-APC-S-SL	

## SMA and single-fiber testing

SMA, 3.2 mm Flat Polish	MNT-3.2/SMA-M	for inspection of SMA connectors with 3.2 mm ferrule and FP end face.
E2000 connectors, bulkhead side	MNT-E2000/PC-F	for inspection of E2000 (PC and APC respectively) connectors in adapters
	MNT-E2000/APC-F	
Mini-AVIM connectors, bulkhead side	MNT-MINI-AVIM/APC-F	for inspecting MINI-AVIM APC connectors, bulkhead side
Mini-AVIM connectors	MNT-MINI-AVIM/APC-M	for inspecting MINI-AVIM connectors, APC, SM
AVIM connectors, bulkhead side	MNT-AVIM/PC-F	for inspecting AVIM connectors, PC, MM, bulkhead side
	MNT-AVIM/PC-F-AR	for inspecting AVIM connectors, PC, MM, inside a plate
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

## SMX series tips (to be coupled with MNT-ADP)

1.6 mm termini (pin)	SMX-T-MIL-1.6-P	for inspection of 29504-/4/5 termini (pin). These are most typically associated with 38999 style connectors
1.6 mm termini (socket)	SMX-T-MIL-1.6-S	for inspection of 29504-/4/5 termini (socket). These are most typically used in MIL-DTL-38999 connectors
1.25mm, Glenair GHD termini (socket)	SMX-T-MIL-1.25-S	for inspection of Glenair GHD termini (socket). These are most typically associated with MIL-DTL-38999 style connectors
2.0 mm termini (pin)	SMX-T-MIL-2.0-P	for inspection of 29504-/14 termini (pin). These are most typically associated with MIL-PRF-28876 style connectors
SFP transceivers	SMX-T-LC/PC-F-SFP	for inspection of SFP transceivers with the surface up to 15 mm deep (from external surface of the shell)
DIN/PC connectors	SMX-T-DIN/PC-F	for inspection of DIN/PC connectors, bulkhead side

For inspection of SC, FC, ST, LC, MU, E2000 connectors, PC and APC (bulkhead and patch cord sides), visit [www.sumix.com](http://www.sumix.com) and choose corresponding SMX-series single fiber tips to be coupled with MNT-ADP adapter.