

SMART TESTER MPO 24 FIBER

Continuity and Polarity Test Module

Part Number: **AFT-G-FC-MPO-24**

The **SMART TESTER MPO 24 FIBER** verifies the polarity of 24 fiber MPO assemblies. The tester will test both SM (angled) & MM (flat) MPO assemblies.

The compact size, robust steel housing, highly stable light sources and rechargeable battery make the **SMART TESTER MPO 24 FIBER** a must have for benchtop and field applications.



TYPICAL APPLICATIONS



Field Installations



Data Centers



Central Office



FTTH Networks



FTTA Networks



Medical Devices



Engineering Labs

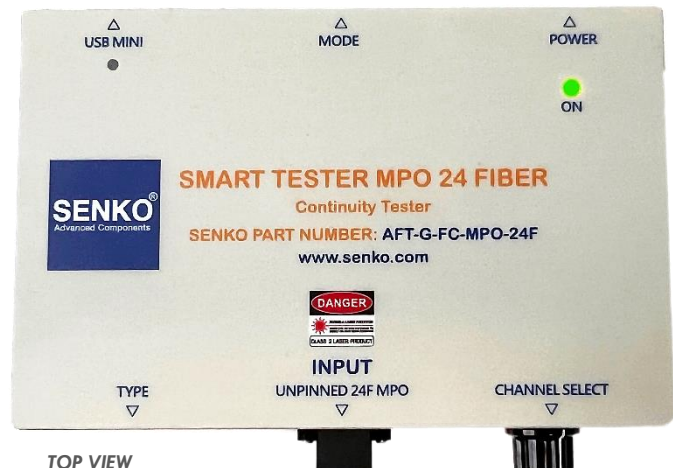
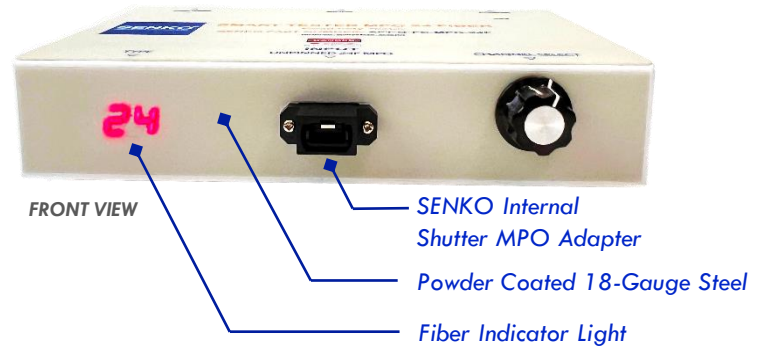
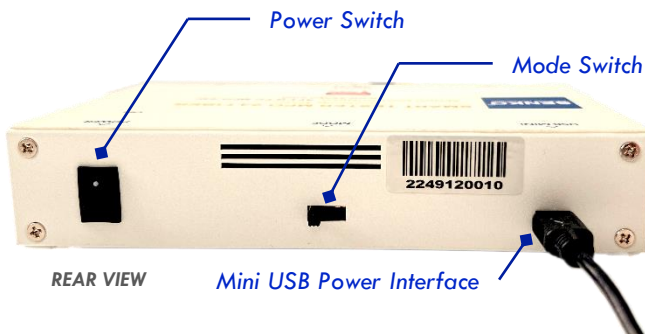
KEY FEATURES

- Checks continuity of all 24 fibers in the array with visible red light for distances >1KM.
- Verifies both fiber arrays for confirming polarity to TIA 568 Methods A, B and C.
- Three Operation modes:
 1. Auto scanning through both arrays
 2. Manual scanning individual fibers
 3. All 24 fibers on continuous wave
- Rechargeable battery with 0% to 100% charge in < 1 hour. 5 hours battery life.

DIMENSIONS:

Length: **170mm (6.7")** Height: **35mm (1.4")**

Width: **110mm (4.3")** Weight: **685g (1.5lb)**



SPECIFICATIONS:

Output Laser Class:	2M	Input Charging Power:	5V 1A
Output Wavelength:	650nm ±10nm @ 25°C	Battery Service Time:	5+ hours
Output Power:	>0.4mW @ 25°C into SMF	0% to 100% charge Time:	< 1 hour
Output Emitting Range:	>5KM	Power Interface:	USB Mini
Output Port Configuration:	Pinned (male) MPO	Operating Temp Range:	0°C to +50°C
Input Wavelength:	650nm	Storage Temp Range:	-20°C to +70°C

SMART CLEANER MPO		GUIDE PIN HOLE BRUSH	CARRYING CASE
Part Number:	SCK-SS-MPO	SCK-SS-MPO-GPB	SCK-HDCASE-15
Notes:	Cleans in adapter and unmated MPO including the SMART TESTER MPO ports.	Cleans the guide pin holes of 8, 12, 24, 48 and 72 fiber MPO assemblies.	Plastic dust and water resistant case (38cm x 37cm x 8.6cm) for storing your test gear.

HOW TO: CHECK POLARITY AND CONTINUITY

Senko's SMART TESTER MPO verifies polarity and continuity of 24fiber MPO non-pinned (female) assemblies.



1 Remove the protective port plugs and clean the port end face using a MPO cleaner.



2 Remove the prospective end cap from the MPO assembly and clean the connector.

Senko recommends using the SMART CLEANER MPO (P/N: **SCK-SS-MPO**).



3 Engage the power switch to turn the tester on.

There will be a green light when the tester is turned on.

4 Set the operation mode by moving the center switch.



LEFT

Manual Scan Mode using Channel Select knob.



CENTER

Auto Scanning Mode



RIGHT

All 24 Fibers lit.

✓ Replace the protective port plug back into the tester after you have finished testing.

✓ Cleaning the tester's port and MPO assembly before testing will prevent cross contamination.