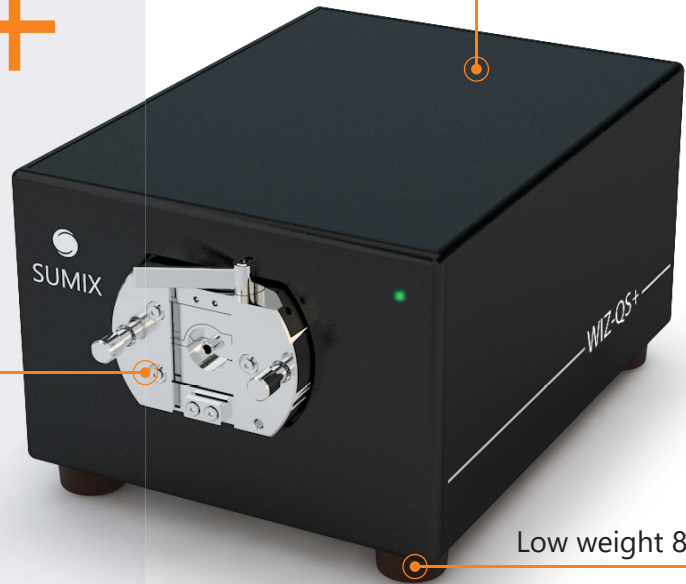


WIZ-QS+

interferometer

Fixtures for FC, SC, MU, LC, E2000, Arinc, MS termini, bare fibers

USB 3.0 SuperSpeed connection



Low weight 8.6 lbs



Single fiber



High resolution



White light, phase shift



Auto focus



Fast measurement



Low cost

Customizable fields

IEC, Telcordia standards

Parameters tested

3D, 2D interactive images

Results Report

CON2414

Name	CON2414
Date & Time	11/01/2016 3:56:24 PM
Task name:	2.5 PC
Device SN, Fixture SN:	WIZ-QS+ 12003 1300022
Scan quality:	100%
Customer:	
Technician:	Admin
Company:	Sumix
Connector ID:	
Connector type:	2.5 mm
Fitting regions:	D=250μm; E=140μm; F=50μm;
Pass/Fail standard:	IEC61755-3-1

PASS

Measurement Parameter	Units	Pass/Fail Limits		Measured Value	Verdict
		Min	Max		
Ferrule Radius of Curvature	mm	5.00	30.00	15.31	PASS
Fiber Height	nm	-107.23	100.00	-7.43	PASS
Apex Offset	μm	0.00	70.00	42.83	PASS
Fiber Planar Height	nm			140.47	N/A
Apex Offset Bearing	°			287.8	N/A
Ferrule Roughness (Ra)	nm			0.86	N/A
Fiber Roughness (Ra)	nm			0.69	N/A

3D Surface, 3D Subtracted Surface, 2D Subtract..., Modulation

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E-mail: info-team@sumix.com

Tel.: +1 (877) 233-3385

WIZ-QS+ interferometer accessories

Single fiber

Inspecting 1.25/PC ferrule and LC, MU connectors	MAX-F-1.25/PC MAX-F-1.25/APC	1.25mm PC base fixture and 1.25 APC base fixture, to be used with interchangeable key adapters: MAX-KA-LC - for LC connectors MAX-KA-MU - for MU connectors
Inspecting 2.5/PC ferrule and SC, ST, FC connectors	MAX-F-2.5/PC MAX-F-2.5/APC	2.5mm PC base fixture and 2.5 APC base fixture, to be used with interchangeable key adapters: MAX-KA-SC - for SC connectors MAX-KA-FC-N - for FC connectors of N type (2.14 mm key) MAX-KA-FC-R - for FC connectors of R type (2.0 mm key) MAX-KA-2.5/PC-ferrule – for 2.5/PC ferrules and ST/PC connectors MAX-KA-2.5/APC-ferrule - for 2.5/APC ferrules and ST/PC connectors
Inspecting E2000 connectors	MAX-F-2.5/PC-E2000 MAX-F-2.5/APC-E2000	Fixtures for E2000 connectors (PC and APC respectively)
Inspecting Duplex connectors	MAX-F-1.25/PC-LC-D MAX-F-1.25/APC-LC-D	Fixtures for LC Duplex connectors (PC and APC respectively)
	MAX-F-1.25/PC-MU-D MAX-F-1.25/APC-MU-D	Fixtures for MU Duplex connectors (PC and APC respectively)

Special applications

Testing bare fiber	MAX-F-BF	Bare fiber fixture (to be used with a designated handler)
Military and other special applications	MAX-F-SMA/PC	3.2/SMA connector fixture for SMA 905 and SMA 906 connectors
	MAX-F-1.6/PC	Fixture for 1.6 mm ferrules with PC, Flat polished end face (pin terminus and socket terminus)
	MAX-F-2.0/PC	Fixture for 2.0 mm ferrules with PC end face
	MAX-F-1.25/PC-Ar MAX-F-1.25/APC-Ar	Fixtures for 1.25 mm ARINC 801 connectors (PC and APC respectively) with 30° key
	MAX-F-1.0/PC	Fixture for 1mm ferrules and connectors with PC end face
	MAX-F-1.25/PC-F3000 MAX-F-1.25/APC-F3000	F3000/PC and F3000/APC connector fixtures
	MAX-F-1.25/PC-KANI	Fixture for Kani MU ferrule
	MAX-F-2.5/PC-OPTITAP MAX-F-2.5/APC-OPTITAP	Fixtures for OptiTap connectors (PC and APC respectively)

Contact salesteam@sumix.com to receive more information.