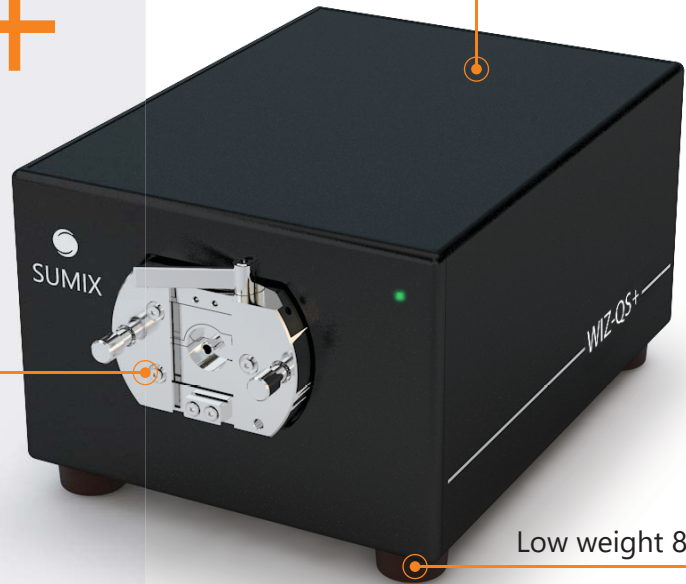


# WIZ-QS+

## 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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## WIZ-QS+ interferometer accessories

### Single fiber

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

### Special applications

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

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