

# INTERFEROMETRY

## DAISI MT-V3



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*Digital Automated Interferometer for Surface Inspection of multi-fiber connectors*

The DAISI MT-V3 interferometer is **the industry reference for MT product measurements**, based on the same design philosophy that made the DAISI a success. DAISI MT-V3 have been designed for use in production and field applications.

In 2019 the measurement speed have been largely optimized. **Measurement + calculation time is now better than 5 seconds for MT-12 based connectors.**

With the **Blink software** Platform, DAISI is able to measure end face geometry on single-fiber or multi-fiber connectors or ferrules. The Blink software platform is the easiest way to produce customised control reports.

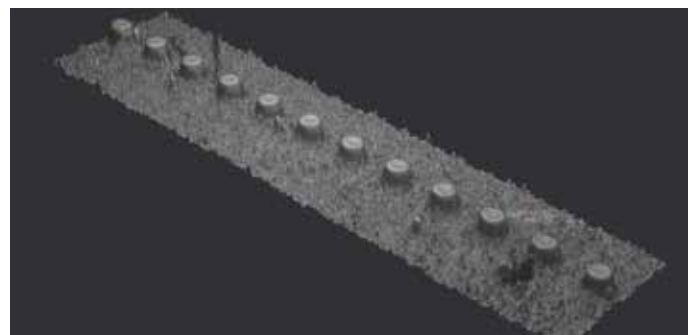
### SPECIFICATIONS :

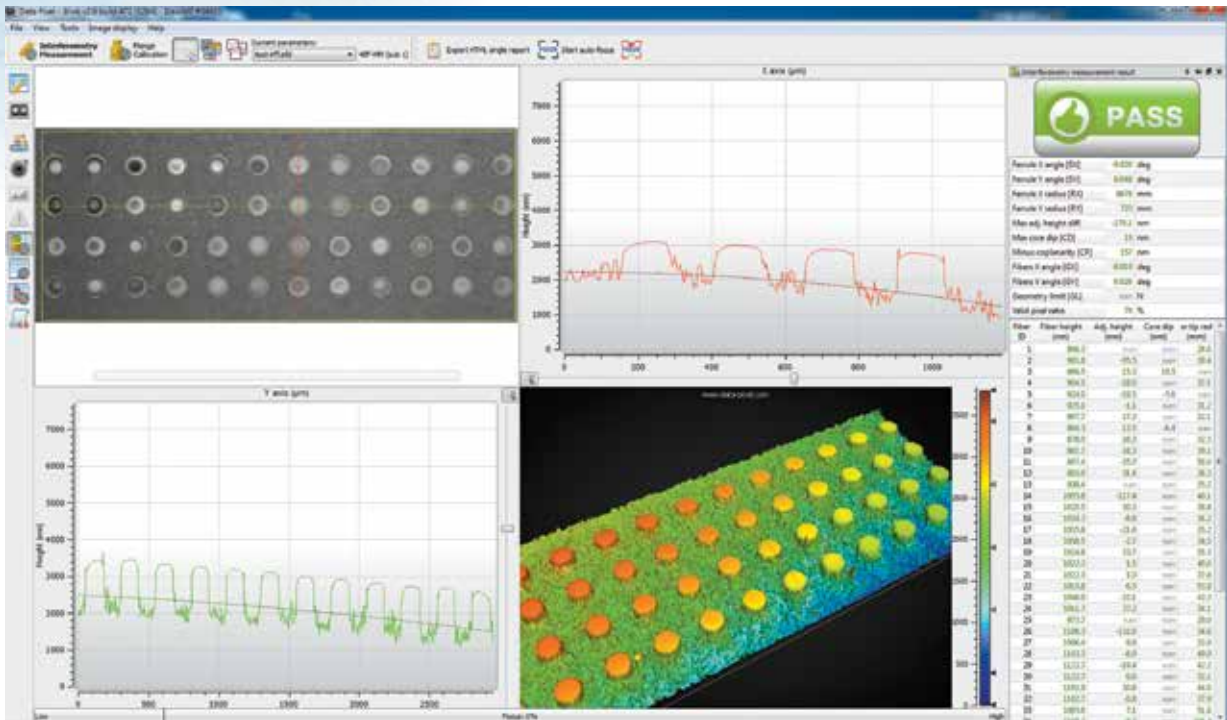
Field of view (mm) :	5.6 x 3.0
Scan mode :	Red light and White light
X and Y angles (°) :	± 1 deviation, 0 (PC) to 8 (APC)
Fiber Height (µm) :	Up to 20
Measurement speed (sec.) :	< 5 (MT12)
Lateral resolution (µm) :	2.5 max.
Outputs :	USB 2.0 + USB 3.0
Power source :	External 12V
Dimensions HxWxL (mm) :	133 x 171 x 244
Weight (kg) :	6

### KEY FEATURES :

- Measurement of PC + APC connectors and ferrules, single-fiber and multi-fiber, MT-12 and MT-16 up to 6 rows
- True phase-shifting interferometer
- Non-contact measurement
- Smart autofocus, only focus when required
- Automatic calibration of reference mirror
- Supports MT-16 and MT-12 based connectors
- Vibration insensitive
- Easy and fast switching from PC to APC, no change of fiber holder required
- Compliance with Industry Standards for Interferometer Measurements
- Intuitive BLINK software, with data-base connectivity
- Compatible with desktop PC, laptop, tablet PC

X2 TIME FASTER





Blink is a software platform common to all Data-Pixel products. Dedicated plugins supports the Interferometry range of products : 3D Scope-V2, Daisi-V3 and Daisi MT-V3.

PDF, HTML and CSV reporting capability with extensive database support (SQL Server, MySQL, ODBC, ORACLE,...)

OLE automation support is available for dedicated application

## ORDER OPTIONS :

DAISI MT-V3 unit with Blink automated interferometry - Blink interferometry - 2 flanges (Male/female, 12/24 or 16/32) - 2 adapters (MT ferrule or MPO)	71-DAMT-V3-A02-00
Flange MT 12/24 Male	10-FL-001354
Flange MT 16/32 Male	30-FL-001729
Flange MT 12/24 Female	30-FL-001355
Flange MT 16/32 Female	30-FL-001357
Adapter MT ferrule 12/24 and 16/32	30-AD-001020
Adapter MPO 12/24	10-AD-001017
Adapter MPO 16/32	30-AD-001776
Flange 2.50mm, manual	30-FL-001384
Flange 1.25mm, manual	30-FL-001383