

INSPECTION

PM ALIGNER-V2



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A ready-to-use solution to orientate Polarization Maintaining fibers inside connectors

PM Aligner-V2 is the simplest way to **orientate precisely a PANDA Polarization Maintaining fiber** inside a connector or ferrule.

With a **long working distance**, PM Aligner-V2 allows the operator to **work manually around the ferrule** of the connector. After positioning, the curing phase becomes easy to realize without affecting on the PM fiber alignment.

With Blink PM Alignment software, the PM Aligner-V2 will measure and **display in real time the angular alignment** of the stress elements.

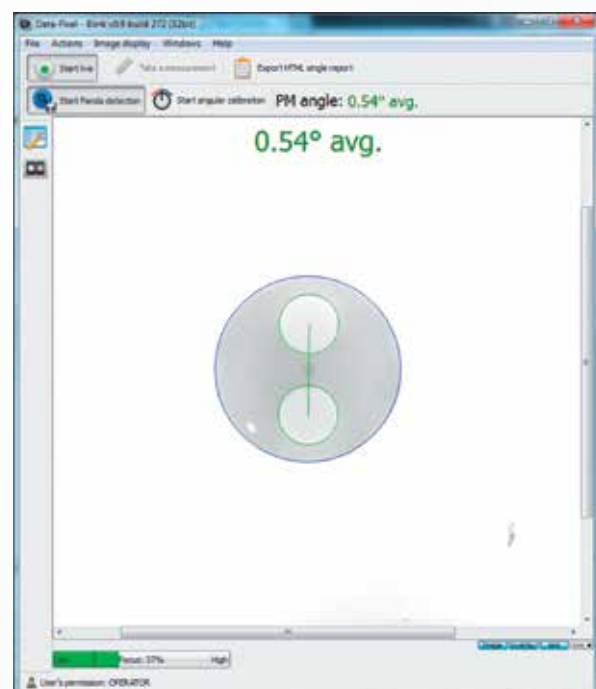
If the cable contains **several PM optical fibers** it is not easy to turn the optical fiber in the ferrule. Thus Data-Pixel developed accessories that keeps the optical fiber fixed and **rotates the ferrule or the connector**.

SPECIFICATIONS :

Magnification :	X 400
Field of View (mm) :	0.5 x 0.7
Light Source :	White light
Focus :	Manual
Outputs :	USB 2.0
Power source :	External 12 V
Weight (kg) :	2.7
Dimensions HxWxL (mm) :	130 x 90 x 260

KEY FEATURES :

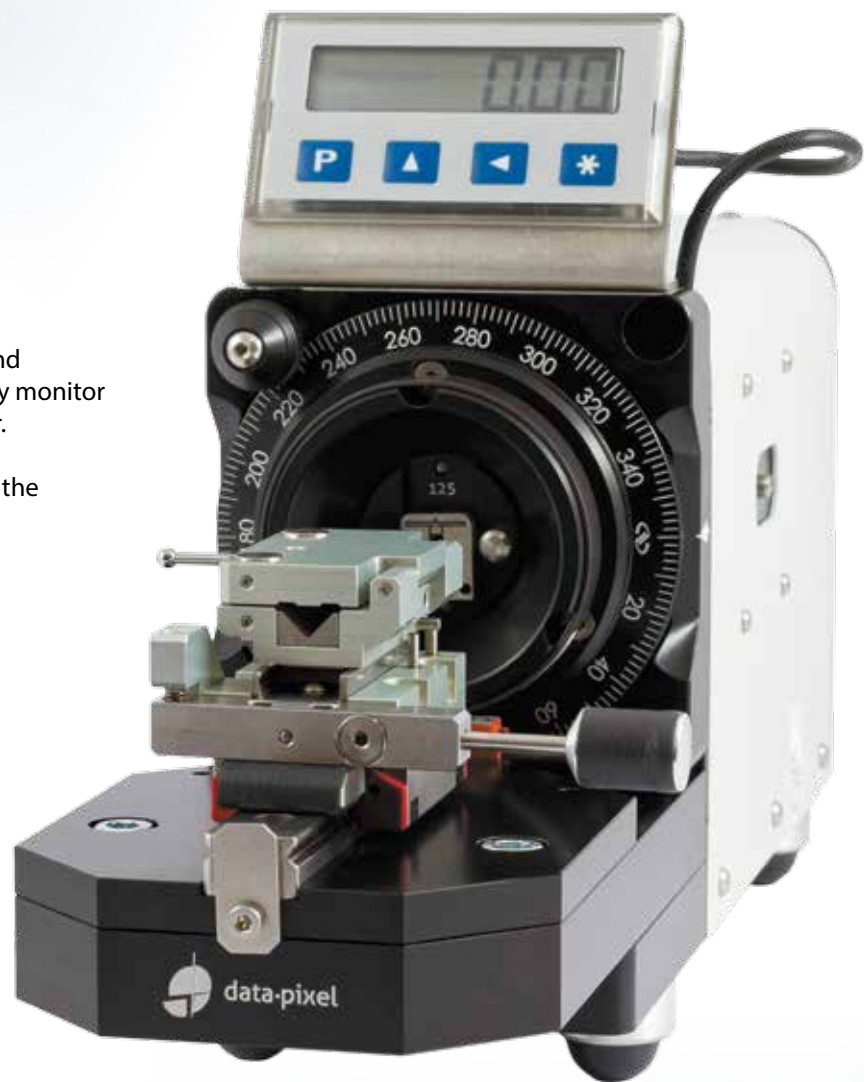
- Measures PANDA style fibers
- Long working distance
- Automated and real time measurement
- Easy calibration with Blink PM Alignment
- High speed USB 2.0 for live digital image
- Measurement data exported in standard CSV file
- Database connectivity
- Measurement report in HTML format
- Compatible with desktop PC, laptop, tablet PC



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Equipped with a digital indicator and a rotation stage in order to precisely monitor the angle position of the connector.

The fibre optic cable is clamped on the Mechanical plate.

**ORDER OPTIONS :**

PM Aligner-V2 unit with :	
- Manual focus	
- Blink PM-Alignment	71-PM00-V2-M10-00
- 1 set including for 1.25mm or 2.50mm connectors (1 sleeve holder, calibration stub, adapter)	
Holder 1.25mm ferrules, PM (sleeve-type)	30-HL-000778
Holder 2.50mm ferrules, PM (sleeve-type)	30-HL-000779
Calibration fiber stub, 1.25mm, for PM fiber calibration	30-RE-000752
Calibration fiber stub, 2.50mm, for PM fiber calibration	30-RE-000753
Adapter, 1.25mm LC	30-AD-000732
Adapter, 2.50mm SC	30-AD-000739
Adapter, APC, 2.50mm, both FC Narrow and FC Wide compatible	30-AD-002476
Adapter, 2.50mm FC Wide	30-AD-000738
Adapter, 2.50mm FC Narrow	30-AD-000737