

KONCENTRIK-V2 Ferrule



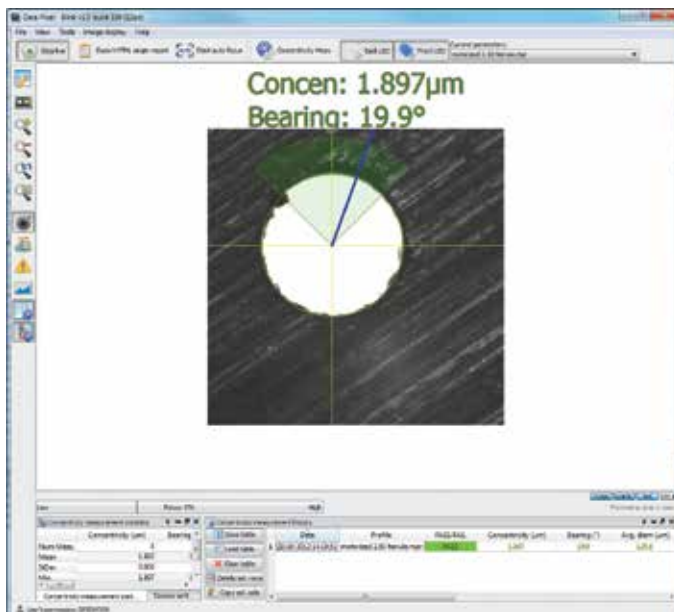
KONCENTRIK-V2 Ferrule

High precision Concentricity measurements

Koncentrik-V2 is a modular measurement system. **Fiber or ferrule eccentricity measurements** can be performed using different mechanical modules.

Koncentrik-V2 Ferrule is dedicated to concentricity measurement of **ferrule bore to ferrule envelope**. The software indicates the max eccentricity angle when rotating the ferrule.

With the Blink software platform, Koncentrik-V2 is an **easy to use measurement unit with database connectivity**.



KEY FEATURES :

- Measures ceramic and metal PC-type ferrule
- Automatic measurement + re-positioning of ferrule at tuned position
- Ferrule end-face visual inspection at x 400 magnification
- Ferrule envelope on bare ferrules & bore shape-error measurement
- User adjustable quality level for high-speed measurements
- Easy calibration Blink Concentricity software
- Eccentricity measurement : reproducibility +/-0.05µm ; Range : 0 to 100µm
- Measurement data exported in standard CSV format
- Statistics on measurements available
- Measurement report in HTML format
- Compatible with desktop PC, laptop, tablet PC

SPECIFICATIONS :

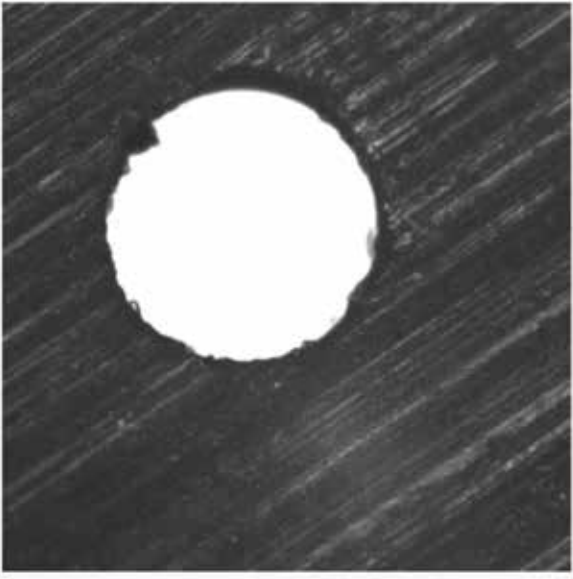
Eccentricity (µm) :	0 to 100
Indexing measurement (degrees) :	0 to 360
Measurement speed (sec.) :	3 (depends on user)
Magnification :	X 400
Ferrule outside diameter (mm) :	1.00 to 3.17
Fiber core diameter (µm) :	5 to 400
Power source :	12V
Dimensions H x W x L (mm) :	120 x 150 x 260
Weight (kg) :	4.5

Koncentrik report Sample name: B1-after 29/10/2012 14:22:13

Camera settings: exposure time: 10 ms, gain: 3.9, number of images: 1
 Type: PASS, Profile: motorized 2.50 ferrule.mpr, Ferrule diameter: 2.50µm, Rotation direction: PASS

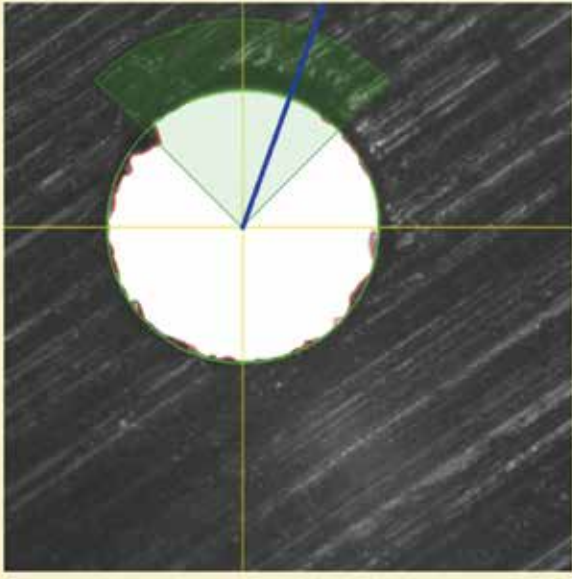
PASS

Parameter	min allowed	max allowed	Measurement result	PASS/FAIL
Concentricity	0.00µm	3.00µm	1.90µm	PASS
Core diameter	120.00µm	130.00µm	125.57µm	PASS
Oval error	0.00µm	0.20µm	0.05µm	PASS
Triangularity error	0.00µm	0.20µm	0.06µm	PASS
Bearing error	-45.00°	45.00°	19.90°	PASS
Cleanness	90.00%	n/a	0.96%	PASS



Scope snapshot

Left-click an image for a full screen view.
Right-click an image to save it.



Overlay snapshot

ORDER OPTIONS :

Koncentrik Ferrule unit with : - Blink Concentricity - 2 holders for bare ferrules	71-KKFE-V2-M10-00
Koncentrik Ferrule unit with : - Blink Concentricity - 2 holders for bare ferrules - 2 holders for patchcords	71-KKFE-V2-M10-01
Holder for bare ferrule 1.25mm	30-HL-000728
Holder for bare ferrule 1.60mm	30-HL-001024
Holder for bare ferrule 2.00mm	30-HL-001740
Holder for bare ferrule 2.50mm	30-HL-000729
Holder for patchcord 1.25mm, sleeve-type	30-HL-000719
Holder for patchcord 2.50mm, sleeve-type	30-HL-000720
Holder for patchcord 3.17mm (SMA), sleeve-type	30-HL-000722
Holder for patchcord 1.25mm, VGroove-type	30-HL-000724
Holder for patchcord 1.60mm, VGroove-type	30-HL-000727
Holder for patchcord 2.00mm, VGroove-type	30-HL-000726
Holder for patchcord 2.50mm, VGroove -type	30-HL-000723