

Product
 Launch serial number
 M unit serial number
 S unit serial number
 Test date

XK10 system
 1TF965
 1TF967
 1TF966
 19 October 2020



Certificate of conformity

Straightness performance	
Accuracy*	$\pm 0.01A \pm 1 \mu\text{m}$
Resolution	0.1 μm

Squareness performance	
Accuracy**	$\pm 0.01A/M \pm 2/M \pm 10 \mu\text{m/m}$
Accuracy***	$\pm 0.01A/M \pm 2/M \pm 4 \mu\text{m/m}$
Resolution	0.1 μm

Flatness performance	
Accuracy****	$\pm 0.01A \pm 1(1+1.1M) \mu\text{m}$
Resolution	0.1 μm

- * Provided measurement is within $\pm 500 \mu\text{m}$ of PSD centre
- ** Without squareness calibration factor
- *** With squareness calibration factor
- **** Within a 90° sector of launch unit rotation

M = Axis measurement distance (m)
 A = Maximum absolute PSD deviation during measurement (μm)

Accuracy values are reported to a statistical confidence of 95% (k=2).

We certify that this instrument has been tested and complies with our published standards and specifications.

Authorised signature	Signatory	Position	Issue date
	Chris Hunt	Director and General Manager	28 October 2020

This certificate may not be reproduced other than in full, except with the prior written approval of:

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