

Product  
Launch serial number  
Receiver serial number  
Test date

XM Laser System  
1CYH45  
21KG93  
30 July 2019

**RENISHAW**   
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## Certificate of conformity

Linear performance	
Accuracy*:	±0.55 ppm
Resolution:	1 nm

Straightness performance	
Accuracy:	±0.01A ±1 µm
Resolution:	0.25 µm


Pitch/yaw performance	
Accuracy:	±0.004A ±(0.5 + 0.11M) µrad
Resolution:	0.03 µrad

Roll performance	
Accuracy:	±0.01A ±6.3 µrad
Resolution:	0.12 µrad

\* With environmental compensation  
M = axis measurement distance (m)  
% = percentage of error value

Accuracy values are reported to a statistical confidence of 95% (k=2), they do not include the errors associated with the normalisation of the readings to a material temperature of 20°C.

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

Authorised signature	Signatory	Position	Issue date
	Chris Hunt	General Manager	02 August 2019

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

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