

Product  
Serial number  
Date of calibration

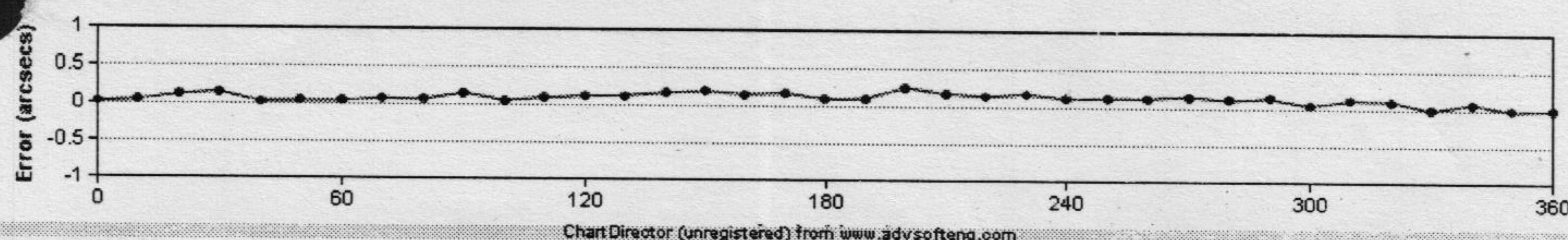
XR20-W Rotary Calibrator  
143R69  
22 January 2014

**RENISHAW**  
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## Calibration certificate

Specification      Positional error       $\pm 1.0$  arcsec

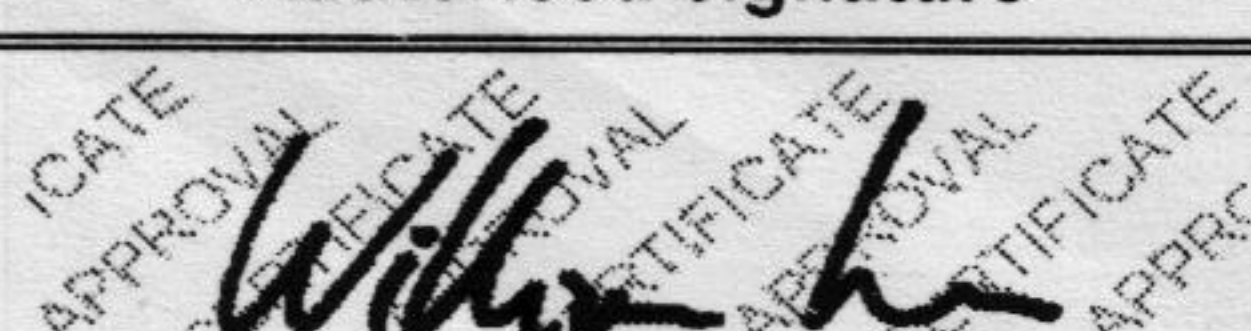
### Measured values and uncertainties of calibration



Results	Value
Maximum error:	$\pm 0.26$ arcsec
Uncertainty of measurement (95% confidence level, $k=2$ ):	$\pm 0.5$ arcsec

Environmental conditions (nominal)	Value
Air temperature:	20.0 °C
Pressure:	999 mbar
Relative humidity:	38.6 %RH

Reference standards	Ref. no.	Certificate no.	Calibration date
Renishaw XL-80	H37813	H37813-110726-00	26 July 2011
Renishaw XC-80	83H006	83H006-120823-00	23 August 2012
Renishaw XC Air Temperature Sensor	81P717	81P717-120921-00	21 September 2012
Test procedure	WI-10814/RD-0136		

Authorised signature	Signatory	Position	Issue date
	William Lee	Division Director	22 January 2014

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Certificate number  
143R69-140122-00

L-9920-9005-02

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