

SH80K installation leaflet for SP80 probes supplied before Oct 2007

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Care of equipment
Renishaw probes and associated systems are precision tools used for obtaining precise measurements and must therefore be treated with care.

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Renishaw reserves the right to improve, change or modify its hardware or software without incurring any obligations to make changes to Renishaw equipment previously sold.

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Claims under warranty must be made from authorised service centres only, which may be advised by the supplier or distributor.

Patents
EP 0548328
US 5,327,657
US 5,404,649

Contents of SH80K kit

Part No.	Description	Quantity
M-2238-0429	Caphead with ball seat	1
A-2238-0425	SH80K assembly	1
P-TL01-025	Allen key	1

The SH80K uses a kinematic location screw to repeatedly hold the probe in a known position when powering it on and off.

If your SP80/SP80H probe was supplied before 1st October 2007 you will need to fit the kinematic screw as detailed in this leaflet. Probes supplied from 1st October 2007 will have this screw fitted as standard.

NOTE: For more information on the use of SH80K please refer to the SP80 and SP80H installation, integration and user's guide (Part no. H-1000-5051).

2. Replace with M-2238-0429 (caphead with ball seat, supplied in kit) and torque to 1.1 Nm.



Fitting the kinematic screw

To fit the kinematic screw the following instructions should be followed.

1. Remove cap head screw in position shown.



3. Ensure the ball seat is in correct position by checking that the stylus ball locates correctly in the seat as shown below.

