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XR20 rotary axis calibrator spares list

Introduction

This application note lists the available spares for the XR20 rotary axis calibrator.

To order please contact your local Renishaw office or purchase from our online store.

Description	Part number	
Mounting ring The mounting ring bolts or clamps directly to the surface of machine and locks the XR20 in position.	A-9920-0440	
Mounting ring adaptor 150 mm Enables fitting to rotary tables with unsuitable centre recesses. Can also be used to secure the XR20 to the chuck adaptor and custom mounts.	A-9920-0270	
Chuck (lathe) adaptor 40 mm diameter to fit most popular chuck sizes. Precision machined to ensure correct XR20 alignment with test axis.	A-9920-0280	
Centration aid Fits temporarily inside the mounting ring to assist visual centration before XR20 insertion. 'Spring' fitting enables secure use even when inverted. Central boss for dial gauge measurement.	A-9920-0340	
CARTO The CARTO software suite contains three applications; Capture to collect laser measurement data, Explore for powerful analysis to international standards and Compensate for quick and easy error correction. The CARTO user interface provides a simple process flow that enables users to easily capture and manage their data.	**Download CARTO here**	

Fixings kit Complete set of screws and allen keys for XR20.	A-9920-0430	
Off axis rotary measurement mode The off-axis rotary measurement mode in CARTO, provides a single source for testing off-axis measurement using the XR20 rotary axis calibrator and XL-80 laser system or XM-60 multi-axis calibrator.	CS-SOF-SW-03-OAR	
XR20 90° bracket kit Provides a high specification mounting solution for both 'on' and 'off' axis rotary measurement. The bracket can be mounted with the removable high power magnetic feet or a variety of through holes for direct bolt attachment. The kit is supplied in a heavy duty transport case.	A-9920-0700	
Magnet kit - matched set Comprises of 3 matched magnets. Note: this is part of the XR20 90° bracket kit	A-9920-0710	
Battery Li-Polymer 3.7V High-power rechargeable lithium battery	A-9920-0330	
Battery charger and cables Battery charger, USB power supply and cable micro USB. 1 m.	A-9920-0320	
Cable micro USB 1 m High speed USB cable to power battery charger in conjunction with USB power supply. Manufacturers specification: 30 AWG (for data) and 20 AWG (for power).	A-9727-0011	
Battery cover Replacement battery cover for the XR20.	A-9920-0460	

USB cover plug Replacement protective plug for USB socket on the XR20.	A-9920-0380	
USB cable 5m HP XR20 can be powered with USB cable in conjunction with the USB power supply (see below). Older spec USB cables may not support XR20 current draw. Manufacturers specification: 28AWG/2C (for data) and 20AWG/2C (for power).	A-9920-0390	
USB power supply USB/mains supply adaptors (UK, Euro, USA and Aus).	A-9920-0450	
XR20 case Heavy duty transport and storage case for XR20.	A-9920-0360	
Beam blocker Beam blocker to cover stray beams from the XM-system and provide a target for the reflected beam.	A-9920-0101	

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