

Software Release Notes: Renishaw CARTO (v3.0)

1. General

History:

Renishaw CARTO software suite is a measurement and analysis package for use with Renishaw calibration systems. The suite includes Capture and Explore which provide data capture and data analysis for XM-60 and XL-80 interferometric measurement. CARTO features a database system which automatically stores and organises data for the user, simplifying operation and allowing users to quickly and easily compare data with historical results.

Replaces:

Version 2.2

Operating system and PC compatibility:

(Due to database constraints, a 64 bit operating system is recommended)

- Windows 7
- Windows 8
- Windows 10

PC requirements:

Windows 7 Professional Service Pack 1 or above, 2 GB available hard disk space, screen resolution of 1024 x 768 or above, PDF viewer. This installer will also install, if not already installed: .NET 4.6.1 and Visual C++ runtimes for 2015 and 2017.

PC Software Pre-requisites:

Windows Installer 4.5

<http://www.microsoft.com/downloads/details.aspx?FamilyID=5A58B56F-60B6-4412-95B9-54D056D6F9F4>

All the latest available critical windows updates applied.

Availability:

Available as a free download from www.renishaw.com/carto.

Caution:

Any software installation can give rise to operating issues due to local system architecture and existing operating procedures. Whilst this version of CARTO software may offer enhanced features over your current version you should always follow your own corporate guidelines regarding software use before installation. This may involve contacting the appropriate I.T./Business Systems personnel within your organisation for guidance and assistance

2. Key Enhancements compared to Renishaw CARTO 3.0

Capture

- New measurement mode for on axis rotary testing
 - Supports both XM-60 and XL-80
 - Automatic and manual feed rate modes for XR20-W feed rate
 - Improved Bluetooth browsing compared to RotaryXL
 - XR20-W position tracking
 - Pre lock dwell
 - Rotary part program generation
 - Notifications on rotary support with current device firmware
- XR20-W user guide now included in the library
- Updated user interface styles
- Reordered test definition panes to be more consistent across measurement modes
- Minor background bug fixes

Explore

- Data analysis for dynamic and flatness measurements captured with LaserXL
- Copy to clipboard function for graphs now includes data for the selected standard
- ISO 10791-4 analysis standard supported for linear measurements
- Option to clip and analyse data between selected points
 - Ability to add 'zero point offset' to clipped data
- Minor background bug fixes

3. Supported languages

Software

- English
- Japanese
- German
- Traditional Chinese
- Simplified Chinese
- Spanish
- Korean
- Italian
- French
- Russia
- Portuguese
- Czech
- Polish

User guides

- [English \(Capture, Explore\)](#)
- [Japanese \(Capture, Explore\)](#)
- [German \(Capture, Explore\)](#)
- [Traditional Chinese \(Capture, Explore\)](#)
- [Simplified Chinese \(Capture, Explore\)](#)
- [Spanish \(Capture, Explore\)](#)
- [Korean \(Capture, Explore\)](#)
- [Italian \(Capture, Explore\)](#)
- [French \(Capture, Explore\)](#)
- [Russian \(Capture, Explore\)](#)
- [Portuguese \(Capture, Explore\)](#)
- [Czech \(Capture, Explore\)](#)
- [Polish \(Capture, Explore\)](#)