

Device Driver List

Metrosoft CM 3.80

Measuring-Systems, Controller, Periphery



Device Drivers for Metrosoft CM 3.80

The following list shows the Measuring Equipment that can be used with Metrosoft CM 3.80.

Please note that certain drivers do require a specific software version from the hardware manufacturer, or are restricted by special license agreements (*). These software products and licenses have to be requested from the hardware manufacturer.

CNC CMM / Controller and server software

DEA

- Chorus NT Server software DEA Chorus NT, version $\geq$ V 5.2 (*)

I++ DME

- I++ DME Server I++ DME Server software, version 1.4, 1.4.1, 1.4.2, 1.4.3, 1.5, 1.6

Leica Geosystems

- Leica emScon Laser tracker, accessed via Leica emScon DLL, version $\geq$ 2.0 (*)

LK

- Cupe Controller, accessed via LK driver software, version 5.4 (*)
- Micron Drive Controller, accessed via LK driver software, version 5.4 (*)
- LK 3000 Controller, accessed via LK driver software, version 5.4 (*)
- LK 2000 Controller, accessed via LK driver software, version 5.4 (*)
- LK 4000 Controller, accessed via LK driver software, version 5.4 (*)
- LK 2000-S Controller, accessed via LK driver software, version 5.4 (*)

Metrologic

- Metrocon M 3-axis controller

Metrology Support Group

- Robocon 3 3-axis controller (Robocon 2 with Metrocount 6)
- Status 3-axis controller

Metromec

- Metrocon S 3-axis controller
- Metrocon S ROT 1-axis controller for rotary table

Mora

- ANC 39 3-axis controller, accessed via GNC software, version 1.5 (*)
- ANC 40 3-axis controller, accessed via GNC software, version 1.5 (*)

Renishaw

- UCC1 Multi axis controller, optional with PH10 interface and rotary table, accessed via UCC software, version $\geq$ 6.0 (*)
- UCC2 Multi axis controller, optional with PH10 interface and rotary table, accessed via UCC software, version $\geq$ 6.0 (*)
- UCCLite 3-axis controller, accessed via UCC software, version $\geq$ 6.0 (*)

Tri-Mesures

- Tri-Mesures 3-axis controller

WENZEL

- WPC 2000 3-axis controller
- WPC 2010 3-axis controller, optional with rotary table, PHS1
- WPC 2020 3-axis controller, optional with rotary table, PHS1, PHOENIX, scanning probe (SP600, SP25, SP80)
- WPC 2030 3-axis controller, optional with rotary table, PHS1, PHOENIX, scanning probe (SP600, SP25, SP80)

Zeiss

- Zeiss C98 3-axis controller, accessed via Zeiss-DLL (*)
- Zeiss CMM-OS Server software: Zeiss CMM-OS, version $\geq 2.5.1.15$ (*) (recommended v 2.8). Only for triggered probe systems

Manual CMM / Coordinate counters**AICON**

- Pro Cam3 Photogrammetric system

API

- API Tracker Laser Tracker, accessed via API VDI, version $\geq 3.1.5.2$ (*)

CimCore

- CimCore arm Portable measuring arm, accessed via WinRds.dll, version 5.0.3.0 (*)

ElecNet

- ElecNet PCI 3-axis counting card (PCI-Bus)

FARO

- FARO Arm Mobile CMM
- FARO Laser Tracker Laser Tracker, accessed via FARO SDK, version 1.10.0.4 (*)
- FARO USB Arm Mobile CMM, accessed via FARO SDK, version 5.0 (*)

Fratelli Rotondi

- Rotondi Arm 8-axis CMM with IK 220 counter card

Garda

- Garda Arm Portable CMM, accessed via Cms.dll, version 2.0.0.0 (*)

Krypton Electronic

- Krypton Photogrammetric system

Leica Geosystems

- Leica XYZ Laser Tracker, theodolites
- Leica V-Stars Photogrammetric systems
- Leica emScon Laser tracker, accessed via Leica emScon DLL, version ≥ 2.0 (*)

LK

- Manual CMM Accessed via LK Driver Software, version 5.4 (*)

Metromec

- Metrocount 3 3-axis counter (serial)
- Metrocount 6 3-axis counting card (ISA-Bus)
- Metrocount 6 Rot 1-axis counting card for rotary table (ISA-Bus)

Metronor

- Metronor Photogrammetric system

Microscribe

- Microscribe Arm Portable CMM, 6-axis

Romer

- Romer Arm GDS Portable CMM, accessed via GDS-Interface, version 1.9.1.0 (*)
- Romer Arm WinRDS Portable CMM accessed via WinRds.dll, version 1.0.0.1 (*) (old system)

Dr. Heinrich Schneider

- Profile Projector 2D CMM

WENZEL

- WPZ 50 3-axis counter (serial)
- WPZ 100 3-axis counter (serial)
- WPZ 200 3-axis counter (serial)

Zeiss

- MZ1050 3-axis counter (*)
- MZ1060 3-axis counter (*)
- MZ1070 3-axis counter (*)

Probe System**DEA**

- CW-43 Servo swivel head, accessed via DEA-Chorus NT, version $\geq$ 5.2 (*)

MORA

- ZAK Servo swivel head, accessed via MORA I++ DME Server (*)

Renishaw

- MIH Manual swivel head
- RTP20 Manual swivel head, CNC movement via pole
- PH9 / PH10 Motorized swivel head
- PH50 Motorized swivel head
- PHS1 Servo swivel head (WPC 2010/2020/2030)
- SP25 Analogue scanning probe (WPC 2020/2030 or I++ DME Server)
- SP80 Analogue scanning probe (WPC 2020/2030 or I++ DME Server)
- SP600 Analogue scanning probe (WPC 2020/2030 or I++ DME Server)
- GYRO Swivel head with integrated triggered or scanning probe system, accessed via Renishaw I++ DME Server (*)
- REVO Swivel head with integrated triggered or scanning probe system, accessed via Renishaw I++ DME Server (*)

WENZEL

- PHOENIX Optical sensor (with WPC 2020/2030, Phoenix Server version $\geq$ 3.0.0.2)

Zeiss

- DSE accessed via CMM-OS or I++ DME server from Zeiss (*)
- RDS accessed via CMM-OS or I++ DME server from Zeiss (*)
- Stiefelmayer HA Motorized swivel head

APC Probe changing system**Renishaw**

- ACR1 Auto-change rack active (serial) and Auto-change rack passive
- ACR2 Auto-change rack for PHS1
- ACR3 Auto-change rack
- FCR25 Flexible probe and stylus change rack for SP25
- MCR20 Stylus auto-change rack for TP20
- SCP80 Stylus auto-change rack for SP80
- SCP600 Stylus auto-change rack for SP600
- SCR200 Stylus auto-change rack for TP200
- SCR600 Stylus auto-change rack for SP600
- SCR800 Stylus auto-change rack for TP800
- MPC Multiple probe changer (combination of Renishaw changer units)

Operator panels / manual control

Metromec

- Metroterm B Function keyboard
- Metroterm C Function keyboard
- Metroterm E Function keyboard
Film until CM 3.20 available

WENZEL

- HT 100 Manual control for WPC2010/2020/2030
- HT 400 Manual control for WPC2010/2020/2030
- HT 400RC Wireless manual control for WPC2010/2020/2030
- MFE01 Multi-functional control board

Peripheral

IBRit	Interface for digital 1D measuring device supported are the interfaces: IBRit-md1/md2 and IBRit-mc4 (*)
MTAO	Output of measure points via serial interface
PERCEVAL	Output of measured points via serial interface
WPT 100	Measuring of temperature via serial interface

Offline Programming System

Wenzel WPS / Silma

- VCMM Virtual CMM, VCMM Software version $\geq$ V 2.0 needed (*)

Please note

Drivers for Measuring Systems, Probe Systems, Peripheral Units and Accessories, which Wenzel Metromec AG supplies in conjunction with Metrosoft CM Software, are based on the technical specifications of the related system vendor.

Drivers are developed and tested by Wenzel Metromec AG for interfaces which are specified and supplied by the vendor at that time. Further modifications applied by the vendor do not obligate Wenzel Metromec AG to update the driver within a released Metrosoft CM Version.

Wenzel Metromec AG can not be made responsible for possible restrictions in the functionality of Metrosoft CM, caused by the interface or Hard- and Software of external systems.

Eventual license fees claimed by vendors for the use of their system interface are at any rate not covered by the Metrosoft CM license.

Wenzel Metromec AG reserves the right to change the supplied volume of system drivers at any time according to its own discretion.

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