

PC-based Measuring Stations. MarSurf XCR 20

The new generation of combined roughness and contour measurement systems



Description

MarSurf XCR 20 is ideal for combining contour and roughness depth evaluation.

MarSurf XC 20 + MarSurf XR 20 = MarSurf XCR 20

This system includes absolutely everything you need, saving both time and space. There are separate operating levels for the roughness-depth and contour software. **MarSurf XCR 20** is Mahr's top surface measurement system and enables even semi-automated operating sequences such as measuring stand positioning (**ST 750 CNC**) to be performed with ease.

Features

- Space because both drive units (**MarSurf PCV 200** contour drive unit and **GD 25** roughness drive unit) can be adapted using the corresponding combi-mount on the **ST 500** or **ST 750** measuring stand
- High-precision contour and roughness evaluation with the **MarSurf LD 120** measuring system on components requiring a large stroke and very high resolution
- Option of rapidly switching between roughness and contour measurements thanks to straightforward changeover within the software platform and changing of mechanical components such as drive unit and probe

Versions

- Combi-measuring station with one measuring stand and two drive units (**PCV 200** and **MarSurf GD 25**)
- Combi-measuring station with quick-change mounts (**PGK 120**, **PCV 200**)
- **MarSurf LD 120** enables high-precision contour and roughness evaluation on components

Measuring Station Components

MarSurf XCR 20 measuring station (roughness and contour)	
MarSurf XCR 20 standard consisting of:	
PC and standard control unit	Order No. 6268380
Windows XP country package	
professional en	Order No. 62682xx
17" TFT monitor	Order No. 5460041
Printer	Order No. 5460030
USB cable	Order No. 3018232
MCP 23	Order No. 7035195
GD 25	Order No. 6721006
MFV-250	Order No. 6111404
PCV	Order No. 6720810
Standard calibration set	Order No. 6820124
MarSurf ST 500 measuring stand	
with 700 x 550 mm granite plate	Order No. 6710250
GD 25/PCV 200 combi-mount	Order No. 6851369
CT 200 XY table	Order No. 6710530

Note: It is possible to upgrade the **MarSurf XR 20** measuring station to a **MarSurf XCR 20**.