

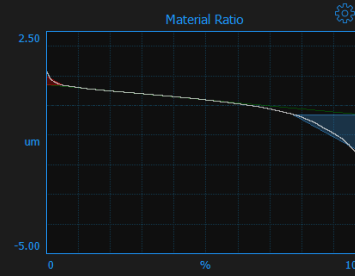
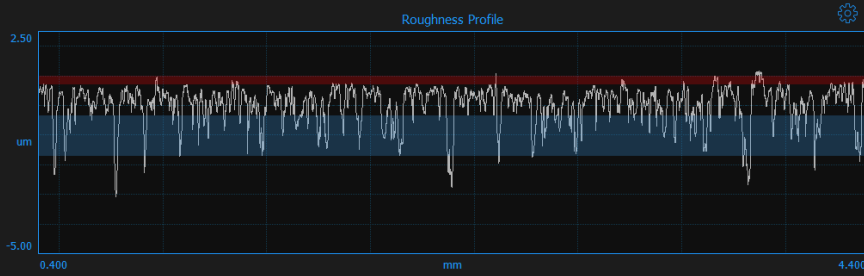
TOTAL SEAL[®]

RÖTTLER

Surface System

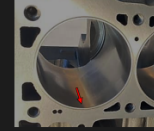
The first and only complete system for measuring, seeing and saving surface finish data.





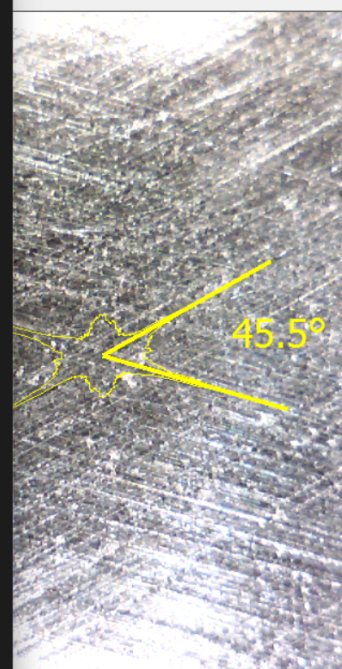
Reference Geometry: Line
Filtering: Spline 0.0025 - Gaussian 0.800 mm

Ra	0.486 μm	Rk	0.999 μm	Rpq	0.278 μm
RzDIN	3.348 μm	Rpk	0.290 μm	Rvq	1.146 μm
Rpm	0.976 μm	Rvk	1.355 μm	Rmq	62.982 %
Rmr	77.576 %	Rmr1	4.853 %		
(Rmr0: 5.0 %, Depth: 1.0 μm)		Rmr2	77.427 %		
Wt	0.483 μm	Rvo	0.153 μm		



Zeiss Handysurf+
Tracing Length: 4.80 mm
Ready.

MEASURE



Surface System

The easy to use, all-in-one kit comes complete with the following components:

- Zeiss HandySurf+ Profilometer
- USB Microscope
- TraceBoss Software
- HatchView Software
- Asus Laptop (everything pre-installed and ready to use)
- Profilometer Locating Tool
- Reference Scans
- Resource Library

TOTAL SEAL

ROTTLER

Surface System Notes

The Total Seal Cylinder Surface System uses two software packages from Digital Metrology. These packages are described on these webpages:

HatchView

www.digitalmetrology.com/solution/HatchView

TraceBoss

www.digitalmetrology.com/solution/TraceBoss

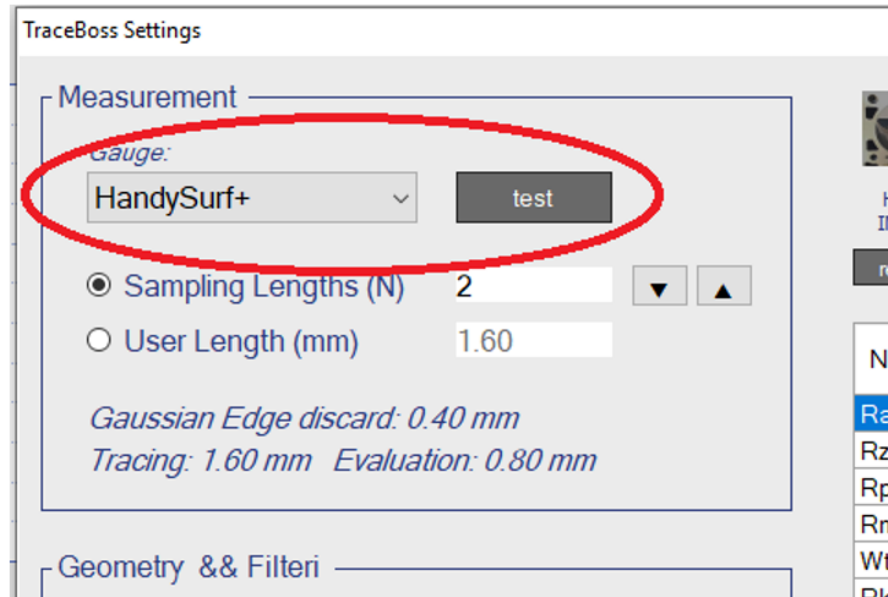
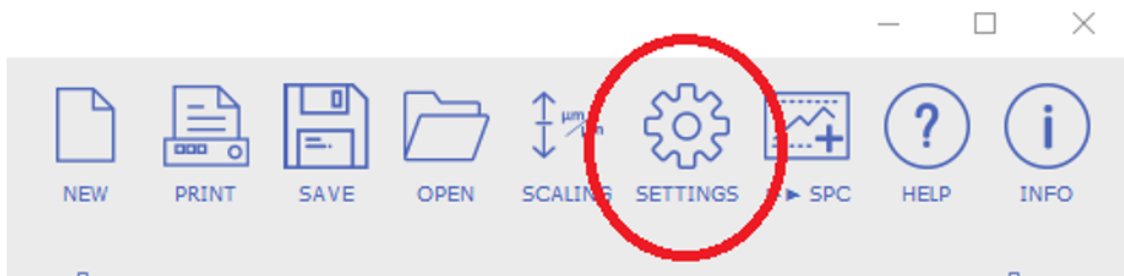
USB Microscope

To install the microscope, simply plug it into the PC. Windows will automatically recognize it.

Handysurf+

The Zeiss/ACCRETECH Handysurf+ operates as a plug-and-play virtual serial port. Simply plug the gage into the PC with an appropriate USB cable. The PC will automatically recognize the gage as a virtual serial (COM) port.

The Handysurf+ is shipped Calibration is handled via the buttons on the Handysurf+ itself. There is no configuration required on the Handysurf+ as the TraceBoss software will handle all settings.



Launch TraceBoss (with the Handysurf+ connected). Click on the Settings gear and select “HandySurf+”. Click the “Test” button to verify communications.

The TraceBoss software includes a huge help system with operation notes as well as lots of surface texture tutorial information. Click “Help” on the main screen.

A complete video tutorial on using the Surface System package is available at

<https://www.youtube.com/@TotalSeal>