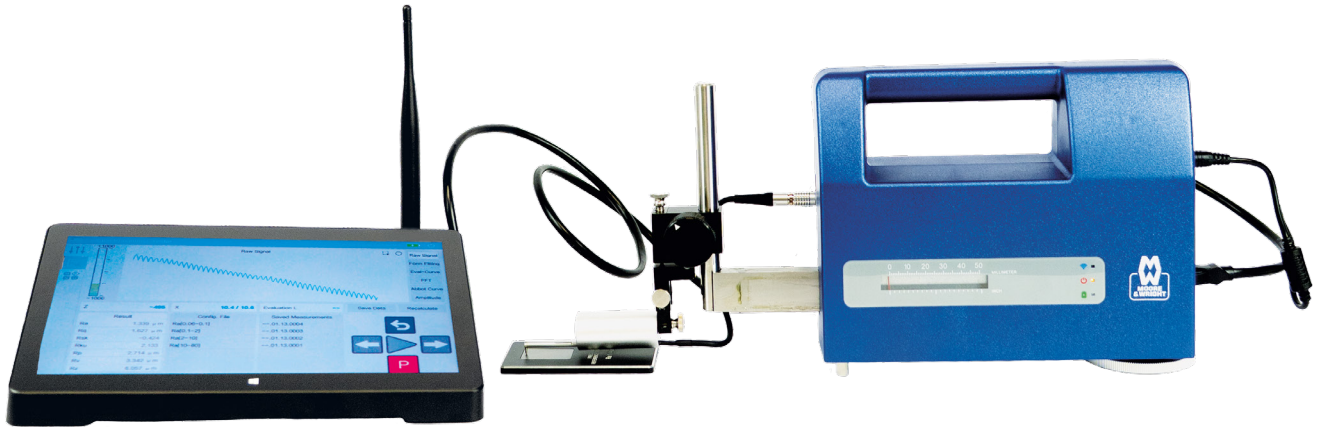


Profilometer with Microsoft Tablet for Control, Display and Analysis



Features

- Roughness and Waviness Profilometer
- With 10" colour touchscreen Microsoft tablet
- Dedicated software for control, data analysis, and data export
- Wired, or wireless WiFi communication for remote operation
- High precision linear rail, with stroke length up to 50mm
- Sensor range $\pm 1000\mu\text{m}$
- Five measurement types: Roughness profile, Waviness profile, Primary profile, Abbott curve and Motif
- Configurable for metric or imperial units
- Analysis using a choice of fitting algorithms and filter types
- Sensor can be mounted in-line with the movement arm, or perpendicular to the axis to measure deep grooves from the side without access being limited by the stylus length
- Data storage via external USB or micro SD card
- Reports saved as CSV files for convenient export
- Supplied with standard test block for recalibration

Profilometer Specification

Code No.	Range (μm)	Resolution (μm)	Accuracy (%)
MWT-1300	± 1000	0.0016 μm (Range $\pm 100\mu\text{m}$) 0.016 μm (Range $\pm 1000\mu\text{m}$)	± 6