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(800) 991-4225

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TOOLING & MACHINERY

Mahr | MOBILE SURFACE METROLOGY

Comparison MarSurf PS 10 vs. MarSurf M 310

Martin Adler, Product Management 1D-Length



Comparison - MarSurf PS 10 - MarSurf M 310



Feature	MarSurf PS 10	MarSurf M 310
Printer (via USB-A interface)	-	X
USB-A interface for connection Bluetooth dongel	-	X
Micro-USB for data transmission (e.g. PDF protocol)	X	X
Micro-USB for remote control via ASCII commands (e.g. PLC control)	-	X
Auto Cutoff	X	X
Cutoff variable	X	X
Function QR/barcode scanner	-	X
Duplex interface (sending AND receiving data) IATF ready	-	X
LED for status indication	-	X
Software MarWin Roughness Viewer (for extended documentation)	-	X
Use as feed device for software Easy Roughness	-	X

Comparison - MarSurf PS 10 - MarSurf M 310



Feature	MarSurf PS 10	MarSurf M 310
Display and printout ADC and MRC curve	-	X
Freely programmable function keys	2	3
Storage of measuring programs (Quick & Easy)	-	X
View last measured profiles on the display (load profile)	-	X
Evaluation Rmr, Rp in dependence Rz in %	-	X
Case included in delivery	- (optional)	X
Hand prism with height adjustment included	- (optional)	X
MarCom software connection	X	X
Setting of tolerances via MarCom software	-	X
Parameter	31	31
Printout of PDF protocols to laser printers with USB input	X	X

Comparison - MarSurf PS 10 - MarSurf M 310



Feature	MarSurf PS 10	MarSurf M 310
Connection USB keyboard for text input	-	X
Protection class	IP 40	IP 40
Weight	ca. 500 g	ca. 500 g
Size	160 mm x 77 mm x 50 mm	160 mm x 77 mm x 50 mm
Battery charging time	1,5 Hours	1,5 Hours
Memory for number of PDF logs	1500	1500
Probe	PHT	PHT
Measuring range	350 μ m	350 μ m
Number of individual measuring sections	1-16	1-16
Tolerance monitoring on the display	X	X