

Shipping address:

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5627 BZ Eindhoven



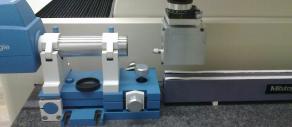
Contact:

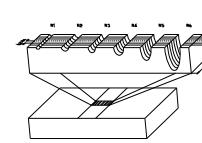
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Set Gauge blocks & reference ring for calipers ring: diameter only.	€ 350			U(k = 2)	Steel/Ceramic GB: 0,10 µm + 0,34.10 ⁻⁶ ./ For ring: 0,2 µm
Gauge blocks >100-1500mm	€ 136			U(k = 2)	Steel/Ceramic: 0,10 µm + 0,34.10 ⁻⁶ ./ Zero glass: 0,10 µm + 0,20.10 ⁻⁶ ./
Micrometer standards till 1500mm	€ 39			U(k = 2)	Steel: 0,10 µm + 0,50.10 ⁻⁶ ./
Masterballs (0-30) diameter + roundness	€ 262			U(k = 2)	Diameter: 0,2 µm Roundness: 40 nm + 2%.RONt Special request Roundness: 10nm + 2%.RONt
Masterballs (0-30) diameter	€ 175			U(k = 2)	Diameter: 0,2 µm Roundness: 40 nm + 2%.RONt
Ring gauges (4-50) diameter + roundness	€ 262			U(k = 2)	Diameter: 0,2 µm Roundness: 40 nm + 2%.RONt
Ring gauges (4-50) diameter	€ 175			U(k = 2)	Diameter: 0,2 µm Roundness: 40 nm + 2%.RONt
CMM					
Stepgauges 32 surfaces (310mm)	€ 592			U(k = 2)	0,16 µm + 0,34.10 ⁻⁶ ./
Stepgauges 46 surfaces (450mm)	€ 851				0,17 µm + 0,34.10 ⁻⁶ ./
Stepgauges 62 surfaces (610mm)	€ 1147				0,19 µm + 0,34.10 ⁻⁶ ./
Stepgauges 76 surfaces (750mm)	€ 1409				0,21 µm + 0,34.10 ⁻⁶ ./
Stepgauges 78 surfaces (770mm)	€ 1443				0,21 µm + 0,34.10 ⁻⁶ ./
Stepgauges 102 surfaces (1010mm)	€ 1887				0,24 µm + 0,34.10 ⁻⁶ ./

Stepgauges 116 surfaces (1150mm)	€ 2146			0,26 µm + 0,34.10 ⁻⁶ /
Stepgauges 152 surfaces (1510mm)	€ 2812			0,30 µm + 0,34.10 ⁻⁶ /
Stepgauges 18 surfaces (300mm)	€ 333			0,16 µm + 0,34.10 ⁻⁶ /
Stepgauges 24 surfaces (600mm)	€ 444			0,19 µm + 0,34.10 ⁻⁶ /
Stepgauges 26 surfaces (incl. 2 GB's)	€ 559			
Stepgauges 50 surfaces (incl. 2 GB's)	€ 1003			
Stepgauges 22 surfaces (250mm)	€ 407			0,15 µm + 0,34.10 ⁻⁶ /
Stepgauges 30 surfaces (320mm)	€ 555			0,16 µm + 0,34.10 ⁻⁶ /
Stepgauges 26 surfaces (250mm)	€ 481			0,15 µm + 0,34.10 ⁻⁶ /
Stepgauges 22 surfaces (420mm) KOBA	€ 407			0,17 µm + 0,34.10 ⁻⁶ /
Stepgauges 32 surfaces (620mm) KOBA	€ 592			0,19 µm + 0,34.10⁻⁶/
Stepgauges 42 surfaces (820mm) KOBA	€ 777			0,21 µm + 0,34.10 ⁻⁶ /
Stepgauges 52 surfaces (1020mm) KOBA	€ 962			0,24 µm + 0,34.10 ⁻⁶ /
Straightedges till 300mm	€ 126			U(k = 2) 1,5 µm
Straightedges till 500mm	€ 146			
Straightedges till 750mm	€ 165			U(k = 2) 1,5 µm for the straightness of the legs (0,5 m/L)" for the angle deviation (=appr. 2,4µm/L)
Straightedges till 1000mm	€ 184			
Block square, longest legg till 300mm	€ 165			
Block square, longest legg till 500mm	€ 184			
Block square, longest legg till 750mm	€ 194			
Block square, longest legg till 1000mm	€ 213			
Quadra square	€ 320			U(k = 2) 1,5 µm for the straightness of the legs (0,5 m/L)" for the angle deviation (=appr. 2,4µm/L)
Cube square	€ 485			U(k = 2) 1,5 µm for the straightness of the legs (0,5 m/L)" for the angle deviation (=appr. 2,4µm/L)

Optical					
Glass Scale (Projector scale) 50 mm (11 stripes, pitch 5 mm)	€ 231			U(k = 2)	0,40 µm + 1,00.10 ⁻⁶ ./
Glass Scale (Projector scale) 80 mm (17 stripes, pitch 5 mm)	€ 357				
Glass Scale (Projector scale) 100 mm (11 stripes, pitch 10 mm)	€ 231				
Glass Scale (Projector scale) 150 mm (16 stripes, pitch 10 mm)	€ 336				
Glass Scale (Projector scale) 200 mm (21 stripes, pitch 10 mm)	€ 441				
Glass Scale (Projector scale) 300 mm (31 stripes, pitch 10 mm)	€ 651				
Glass Scale (Projector scale) 400 mm (41 stripes, pitch 10 mm)	€ 861				
Glass Scale (Projector scale) 600 mm (61 stripes, pitch 10 mm)	€ 1281				
Motic calibration slide	€ 100			U(k = 2)	10 µm
VMM					
Line standard (Vision scale) QI 105 mm (22 stripes, pitch 5 mm)	€ 462			U(k = 2)	Normal glass: 0,08 µm + 1,00.10 ⁻⁶ ./ Zero glass: 0,08 µm + 0,50.10 ⁻⁶ ./
Line standard (Vision scale) QI 205 mm (42 stripes, pitch 5 mm)	€ 882				
Line standard (Vision scale) QS/QV 200 mm (21 stripes, pitch 10 mm)	€ 441				
Line standard (Vision scale) 250 mm (26 stripes, pitch 10 mm)	€ 546				
Line standard (Vision scale) QS/QV 400 mm (41 stripes, pitch 10 mm)	€ 861				
Line standard (Vision scale) HQV 200 mm (21 stripes, pitch 10 mm)	€ 441				
Line standard (Vision scale) HQV 300 mm (31 stripes, pitch 10 mm)	€ 651				
Line standard (Vision scale) HQV 400 mm (41 stripes, pitch 10 mm)	€ 861				
2-D grids 200x200 mm pitch 10 mm (21 mp x-as, 21 mp, Y-as)	€ 882			U(k = 2) -afstand tussen 2 punten -lineairiteit -rechteheid -haaksheid -rotatie	0,8 µm + 0,5.10 ⁻⁶ ./ 0,2 µm + 0,5.10 ⁻⁶ ./ 0,2 µm 0,2" 0,4"
QV calibration charts	€ 462			U(k = 2)	0,24 µm
FMI					
Straightedges till 280mm on Roundtest with reversal method (low uncertainty)	€ 291			U(k = 2)	38nm + 3,5%.z
Straightedges till 1000 mm on CMM with autocollimator (low uncertainty)	€ 388			U(k = 2)	36 nm + 0,12-10-6-L
Hemisphere with reversal or multi-step method	€ 388			U(k = 2) RONt (0-1 µm)	10nm + 2%.RONt

Flick standard	€ 291			U($k = 2$) RONt (0-100 µm)	150nm + 2%.RONt
Roughness specimen, depth standards	€ 194		Type A1 Step standards like 178-611 & 178-610 	Type A2 Groove Depth-setting standards like Halle standards 	
				U($k = 2$)	d (0-20 µm): 10 nm + 2%.d Pt (0-20 µm): 10 nm + 2%.Pt
Roughness specimen, 1 profile	€ 228	€ 152 in case of new sales	Type B (tip control) & C (vertical / horizontal spacing & amplitude) sine waves or saw-tooth like Mitutoyo: 178-601 (mm) & 178-602 (inch/mm) Rubert: 178-605 (mm) & 178-606 (inch/mm) 	Type D1 roughness standards fine, middle, large like Halle standards 	
Roughness specimen, 2 profiles	€ 456	€ 304 in case of new sales	Type B & C sine waves like 178-604 	U($k = 2$)	Ra (0-20 µm): 3 nm + 3%.Ra Rz (0-80 µm): 30 nm + 2%.Rz Rt (0-80 µm): 40 nm + 3%.Rt Rsm (10-250 µm): 0.1%.Rsm special request: Rsm (10-250 µm): 0.01%.Rsm
Temperature					
Temperature sensors	€ 97			U($k = 2$)	0,03 K