

GONIOMAT Product Line

Technical Data

GONIOMAT		A^{PLUS}	A5	M5	M5 XL	M10
Article No.		241 661	241 631	241 605	241 625	241 610
Measuring Range	degree	360	360	360	360	360
Accuracy (Multiple Measurement)**	arcsec	±0.4	±1.0	±1.5	±1.5	±2.5
Accuracy (Single Measurement)*	arcsec	±0.6	±1.5	±2.5	±2.5	±5.0
Accuracy (Pyramidal Angle Measurement)*	arcsec	±1.0	±3.0	±10.0	±10.0	±15.0
Operation Temperature	°C	20 ± 1	20 ± 1	20 ± 2	20 ± 2	20 ± 2
Minimum Surface Area (uncoated glass)	mm ²	0.5	0.5	0.5	0.5	0.5
Maximum Specimen Diameter	mm	210	125	125	250	125
Maximum Specimen Weight	kg	10	10	10	10	10
Table Diameter	mm	160/122/85	125	125	125	125
Maximum Pyramidal Angle	arcmin	20	20	20	20	20
Autocollimator Focal Length	mm	200	200	200	200	200
Autocollimator Aperture	mm	28	28	28	28	28
Base Dimensions (without PC)	mm	610 x 340	530 x 200	530 x 200	560 x 200	530 x 200
Weight (without PC)	kg	35	19	19	26	19
PC-Connection		USB 3.0	USB 3.0	USB 3.0	USB 3.0	USB 3.0
Power Supply (Plug-In Power Supply Unit)						
Input Voltage	V/AC	100-240	100-240	100-240	100-240	100-240
Output Voltage	V/DC	24	24	12	12	12

* According to DIN 1319, specimen $\lambda/20$ p-v, 15 x 15 mm

** According to DIN 1319, with multiple measurements at four positions offset by 90°; specimen $\lambda/20$ p-v, 15 x 15 mm