

# Technical data WaveMaster® for R&D

WaveMaster®	Field
Sample diameter	0.5 mm ... 14 mm <sup>1,2)</sup>
Sample holder	Single seat, manual positioning
Max. sample weight	-
Max. distance between object and image plane	-
Max. field dimensions image side	±20 mm
Max. field dimensions object side	±70°

1) Depending on telescope

2) More details upon request

# Technical data WaveMaster<sup>®</sup> for Production

WaveMaster <sup>®</sup>	PRO 2	PRO 2 Wafer	PRO 2 PLAN
Sample diameter	0.5 mm ... 14 mm <sup>1)</sup>	0.5 mm ... 14 mm <sup>1)</sup>	0.5 mm ... 14 mm <sup>1)</sup>
FFL (Flange focal length)	-12 mm ... +50 mm <sup>3)</sup>	-12 mm ... +50 mm <sup>3)</sup>	-
Sample holder	Tray	Wafer holder	Tray
Measurement time per lens	< 3 s <sup>4)</sup>	< 3 s <sup>4)</sup>	< 3 s <sup>4)</sup>
Sample throughput per hour	≥ 1,200 lens <sup>4)</sup>	≥ 1,200 lens <sup>4)</sup>	≥ 1,200 lens <sup>4)</sup>
Lens per tray	Max. 148 <sup>4)</sup>	-	Max. 148 <sup>4)</sup>
Exchange time for tray of lenses	10 s	10 s	10 s
Wafer tray exchange time, incl. alignment	< 2 min	< 2 min	< 2 min
Setup time for new lens design	< 5 min	< 5 min	< 5 min

- 1) Depending on telescope
- 3) Depending on microscope
- 4) Depending on sample