



Inspection Instruments

Name	Quantity	Remark	Function/Use	Location
Lens Tilt Tester	3 sets		Optical axis tilt measurement	Nanjing/Singapore
Optical/mechanical alignment	3 sets		Axis Measurement Bench	Nanjing/Singapore
Interferometer	1 set	ZYGO	Surface accuracy test (PV & RMS)	Nanjing
Interferometer	2 sets	INTERFER		Nanjing
Spectrophotometer	1set	AGILENT	Transmittance and refractive index testing	Nanjing
Angle Measuring Instrument	1set		Angle measurement for prisms and wedges	Nanjing
Centering Instrument	1set		Center deviation test	Nanjing
2D Vision Measuring Machine	1set		Dimensional and profile measurement	Nanjing
Collimator	2 sets		Parallel beam alignment and testing	Nanjing
MTF	1set	Trioptics	Imaging quality measurement	Nanjing



Assembly & Cleanroom

Equipment/Environment	Function/Use	Location
Cleanroom (Class 1k)	Lens assembly and IR module assembly	Nanjing/Singapore
Bonding Fixtures / Assembly Benches	Precision optical system assembly	Nanjing/Singapore

Manufacturing Equipment List:

Name	Quantity	Location
CNC blanking	3 sets	Nanjing
Wire Cutting Machine	1 set	Nanjing
Rough Grinding Machine	8 sets	Nanjing
Polishing Machine	20 sets	Nanjing
Centering Machine	3 sets	Nanjing
Vacuum Coating Machine	5 sets	Nanjing
Ultrasonic Cleaning System	2 sets	Nanjing