



AT-Series | Laser Alignment Tools

Product Comparison Chart

HARDWARE	AT-100	AT-200	AT-300	RT-300	AT-400	EXO 
Measurement Distance	6.5 ft (2m)	32 ft (10m)	49 ft (15m)	49 ft (15m)	65 ft (20m)	16 ft (5m)
Laser Type	Line Laser	Line Laser	Line Laser	Line Laser	Point Laser	Line Laser
Detector	1-axis 20mm Digital Sensor	1-axis 30mm 2nd Gen Digital Sensor	1-axis 30mm 3rd Gen Digital Sensor	1-axis 30mm 3rd Gen Digital Sensor	2-Axis 20mmx20mm PSD	1-axis 30mm 2nd Gen Digital Sensor
Detector Resolution	0.01mm	0.001mm	0.001mm	0.001mm	0.001mm	0.001mm
Measurement Accuracy	1% ± 1 digit	0.3% ± 7 μm	0.3% ± 7 μm	0.3% ± 7 μm	1% ± 3 μm	0.3% ± 7 μm
Inclinometer Resolution	1°	0.01°	0.01°	0.01°	0.01°	0.01°
Inclinometer Accuracy	±3°	±0.2°	±0.1°	±0.1°	±0.1°	±0.2°
Operating Time	11h	11h	20h	20h	8h	12h
Gyroscope Accuracy	-	-	±0.5° + 0.5%	±0.5° + 0.5%	±0.5° + 0.5%	-
Environmental Protection	IP54	IP65	IP65	IP65	IP65	IP65
Operating Temperature	32° to 122°F (0° to 50°C)	14° to 122°F (-10° to 50°C)	14° to 122°F (-10° to 50°C)	14° to 122°F (-10° to 50°C)	14° to 122°F (-10° to 50°C)	32° to 122°F (0° to 50°C)

APP CAPABILITIES	AT-100	AT-200	AT-300	RT-300	AT-400	EXO 
Horizontal Shaft Alignment	✓	✓	✓	✓	✓	✓
Vertical Shaft Alignment		✓	✓	✓	✓	✓
Tripoint	✓	✓	✓	✓	✓	✓
SoftCheck™	✓	✓	✓	✓	✓	✓
PDF Report	✓	✓	✓	✓	✓	✓
Configuration Menu		✓	✓	✓	✓	✓
Clock/Express Mode		✓	✓	✓	✓	✓
Machine List		✓	✓	✓	✓	✓
Target Values		✓	✓	✓	✓	✓
FeetLock™		✓	✓	✓	✓	✓
Cloud Access		✓	✓	✓	✓	✓
Coupling Gap		✓	✓	✓	✓	✓
Advanced Configuration		✓	✓	✓	✓	✓
FLIR One™ Support			✓	✓	✓	✓
Spacer Shaft		✓	✓	✓	✓	✓

APP CAPABILITIES	AT-100	AT-200	AT-300	RT-300	AT-400	EXO 
Choice of Stationary Machines			✓	✓	✓	✓
Multiple Feet			✓	✓	✓	✓
Dual Multipoint			✓	✓	✓	✓
Cardan/Offset Shaft			✓	✓	✓	✓
Hot Check™			✓	✓	✓	✓
OL2R			✓	✓	✓	✓
Machine Train			✓	✓	✓	✓
Shim Simulator			✓	✓	✓	✓
Uncoupled Alignment			✓	✓	✓	✓
OL2R Live					✓	
2-Axis Alignment					✓	
Dual Sweep					✓	
0.001 Displayed Resolution					✓	
Vertical Tripoint - Gyro			✓	✓	✓	
Machine Defender				✓		

ACCESSORIES	AT-100	AT-200	AT-300	RT-300	AT-400	EXO 
Bearing Defender				✓		
Mag Base	-	○	✓	✓	✓	○
Mag V-Bracket 2pcs	○	○	✓	✓	✓	-
Extension Chain 2pcs	✓	✓	✓	✓	✓	✓
Rod Kit 100mm	○	✓	✓	✓	✓	✓
Extension Fixture 49mm	-	○	✓	✓	✓	○
Runout Probe	○	○	○	✓	○	-
OL2R Brackets	-	-	○	○	○	○
WLS Triaxial Sensor	-	-	-	✓	-	-

*✓ - Standard ○ - Optional - Not Available