

AT-Series | Laser Alignment Tools

Product Comparison Chart

HARDWARE	AT-100	AT-200	AT-300	AT-400	EXO ^{Ex}
Measurement Distance	6.5 ft (2m)	32 ft (10m)	49 ft (15m)	65 ft (20m)	16 ft (5m)
Laser Type	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	2-axis 20mmx20mm, PSD	1-axis 30mm, 2nd gen Digital Sensor
Detector Resolution	0.01mm	0.001mm	0.001mm	0.001mm	0.001mm
Measurement Accuracy	1% ± 1 digit	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°
Inclinometer Accuracy	±3°	±0.2°	±0.1°	±0.1°	±0.2°
Operating Time	11h	11h	20h	8h	12h
Gyroscope Accuracy	-	-	±1°	±1°	-
Environmental Protection	IP54	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)	32° to 122°F (0 to 50°C)
APP FUNCTIONALITY					
Horizontal Shaft Alignment	✓	✓	✓	✓	✓
Tripoint	✓	✓	✓	✓	✓
SoftCheck™	✓	✓	✓	✓	✓
PDF-Report	✓	✓	✓	✓	✓
Configuration Menu	✓	✓	✓	✓	✓
Clock/Express Mode		✓	✓	✓	✓
Machine List		✓	✓	✓	✓
Target Values		✓	✓	✓	✓

APP FUNCTIONALITY	AT-100	AT-200	AT-300	AT-400	EXO
FeetLock™		✓	✓	✓	✓
Cloud Access		✓	✓	✓	✓
Coupling Gap		✓	✓	✓	✓
Advanced Configuration		✓	✓	✓	✓
FLIR One® Support			✓	✓	✓
Spacer Shaft			✓	✓	✓
Choice Of Stationary Machines			✓	✓	✓
Multiple Feet			✓	✓	✓
Dual Multipoint			✓	✓	✓
2-Axis Alignment				✓	
Dual Sweep				✓	
0.001 Displayed Resolution				✓	
Cardan/Offset Shaft			✓	✓	
Hot Check™			✓	✓	
Vertical Shaft Alignment		✓	✓	✓	✓
Vertical Tripoint - Gyro			✓	✓	
ACCESSORIES*					
Mag Base	-	O	X	X	O
Mag V-Bracket 2pcs	O	O	X	X	O
Extension Chain 2pcs	X	X	X	X	X
Rod Kit 100mm	O	X	X	X	X
Extension Fixture 49mm	-	O	X	X	O
Run Out Probe	O	O	O	O	-

* X - Standard O - Optional - Not Available