

AT-Series | Laser Alignment Tools

Product Comparison Chart

APP FUNCTIONALITY	AT-100	AT-200	AT-300	AT-400	EXO ^{Ex}
Horizontal 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			✓	✓	✓
Choice Of Stationary Machines			✓	✓	✓
Multiple Feet			✓	✓	✓
Multipoint			✓	✓	✓
Cardan/Offset Shaft			✓	✓	✓
Hot Check™			✓	✓	✓
OL2R			✓	✓	✓
Shimulator			✓	✓	✓
Vertical Shaft Alignment		✓	✓	✓	✓
2-axis alignment				✓	
Sweep				✓	
0,001 Displayed resolution				✓	
Vertical Shaft Alignment		✓	✓	✓	✓
Vertical Tripoint - gyro			✓	✓	

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HARDWARE					
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)
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