

AT-Series | Laser Alignment Tools

Product Comparison Chart

| HARDWARE | AT-100 | AT-200 | AT-300 | AT-400 | EXO |
|--------------------------|-----------------------------|-------------------------------------|-------------------------------------|-----------------------|-------------------------------------|
| Measurement Distance | 2m | 10m | 15m | 20m | 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 | 0 to 50°C | -10 to 50°C | -10 to 50°C | -10 to 50°C | 0 to 50°C |
| APP FUNCTIONALITY | | | | | |
| Tripoint | ✓ | ✓ | ✓ | ✓ | ✓ |
| Softcheck | ✓ | ✓ | ✓ | ✓ | ✓ |
| Pdf-Report | ✓ | ✓ | ✓ | ✓ | ✓ |
| Configuration Menu | ✓ | ✓ | ✓ | ✓ | ✓ |
| Clock/Express-Mode | | ✓ | ✓ | ✓ | ✓ |
| Machine List | | ✓ | ✓ | ✓ | ✓ |
| Target Values | | ✓ | ✓ | ✓ | ✓ |
| Feet Lock | | ✓ | ✓ | ✓ | ✓ |

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

*✓ - Standard ○ - Optional - Not Available