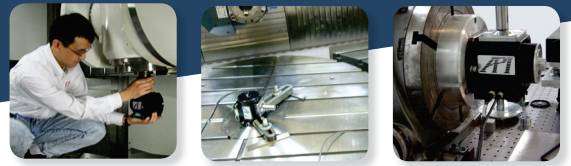


# SWIVELCHECK

Portable CNC Rotary Calibration System



## Portable & flexible calibration

**Swivelcheck** is a one-of-a-kind instrument that measures and calibrates swivel axes and tilt tables on CNC machine tool centers; evaluates vertical rotary axes performance; and measures horizontal rotary tables when used with API's XD Laser.

### FEATURES & BENEFITS



#### Simple Operation

Measure rotary axes, swivel axes, vertical axes and tables with a single set-up – just install and measure.



#### Off-rotating Axis Mounting

Swivelcheck is the only tool that can be mounted off rotating axis center to measure swivel axes and trunnions without disassembling critical machine components.



#### Flexible Capability

Paired with the XD Laser, Swivelcheck extends the operation to measure table wobble on horizontal rotary tables.



#### Portability

Swivelcheck is fully portable and designed with ease of use, efficiency and accuracy in mind.



#### Software

Includes software for control, data acquisition and reporting.



#### Service and Support

The Automated Precision global team provides consistent support anywhere in the world.



**API** AUTOMATED  
PRECISION

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PRODUCT SPECIFICATIONS



## Parameter

## Specification

### Range of Measurements

Range:	800° (± 400°)
Minimum Test Increment:	0.0002°

### Accuracy

Stand-Alone Mode ( <i>Swivelcheck Only</i> )	±2 arcsecond
Dual Mode ( <i>XD Laser / Swivelcheck</i> )	±1 arcsecond

### Mounting

Shank, Flange, or Base Mounting  
Shank Diameter - 25 mm

### Weight

Sensor:	3.2kg
Controller:	1.7kg

### Size

Sensor:	165mm x 115mm x 150mm
Controller:	160mm x 160mm x 100mm