

ALIGNMENT CENTER PC SOFTWARE

Shaft Alignment Application: Intermediate versus Expert Level

FEATURES	INTERMEDIATE	EXPERT
Show Soft Foot Values	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Machines Supported/Number of Joined Machines	3	14
Number of Feet Per Machine	4,6 (Note A)	0..20
Type of Coupling Supported	Short Flex, Single Plane and Spacer Shaft	Short Flex, Single Plane, Spacer Shaft and Cardan Shaft
Measurement Report in Color	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Measurement Table	Max 10 Entries	Unlimited
Edit Names of Machine Elements	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Life-Like Representation of Machine Elements	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Support for Flange-Mounted Machines (Note B)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Thermal Growth	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Define Static Feet in Pairs	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Evaluation of Tolerance from Table	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Load User-Specific Tolerance Tables	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Coupling Targets (Relating to Right Machine)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Measurement Mode – Manual Entry	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Measurement Mode – Dial Indicators	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Display Dial Indicator Readings	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
5 Different Dial Indicator Configurations	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Measurement Report in HTML Format	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Support of Machine Elements with Mounted Bearing		<input checked="" type="checkbox"/>
Indication of Direction of Rotation (For Documentation Purposes)		<input checked="" type="checkbox"/>
Under-and Over-Constrained of Static Feet		<input checked="" type="checkbox"/>
Machine Elements with V-Shaped Supports		<input checked="" type="checkbox"/>
Define a Machine Element as a Reference		<input checked="" type="checkbox"/>
Evaluation of Tolerance (Maximum Value)		<input checked="" type="checkbox"/>
Evaluation of Tolerance Running Speed (Specifically for Gear Couplings)		<input checked="" type="checkbox"/>
Coupling Targets (Relating to Left Machine)		<input checked="" type="checkbox"/>
Axial Offset (For Documentation Purposes)		<input checked="" type="checkbox"/>
Vector Tolerance Evaluation		<input checked="" type="checkbox"/>
Display the Measurement Standard Deviation (Only if Supported Within Instrument)		<input checked="" type="checkbox"/>
Import Measurements into the Measurement Table		<input checked="" type="checkbox"/>
Include Images in Report		<input checked="" type="checkbox"/>
Support of Flange-Mounted Machines Advanced (Note C)		<input checked="" type="checkbox"/>

NOTES

- A) Only the left machine element can be stationary
- B) Support of flange-mounted machines (Standard)
 - Circular and square flange patterns
 - Circular and square bolt patterns
 - Up to 99 bolts per flange
 - Bolt positions can be edited manually
- C) Support of flange-mounted machines (Advanced)
 - Determine the shaft position within the flange
 - Determine how the flange is mounted
 - Determine the flange position