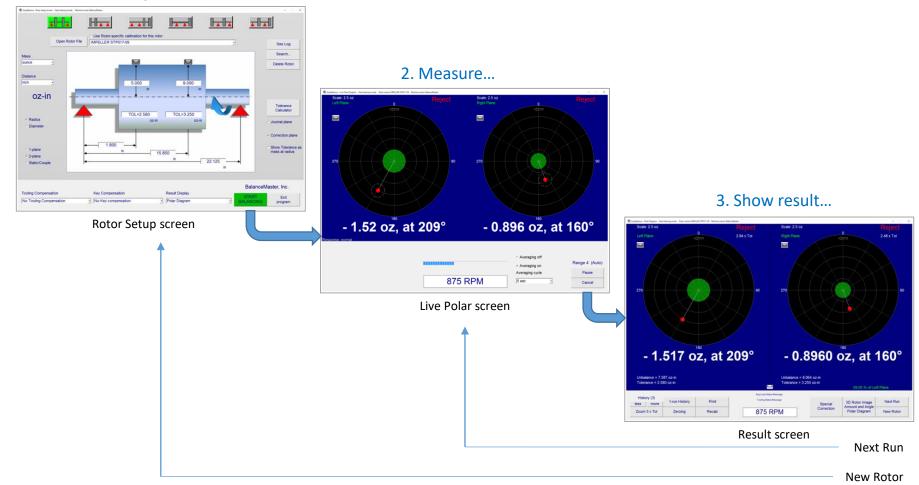
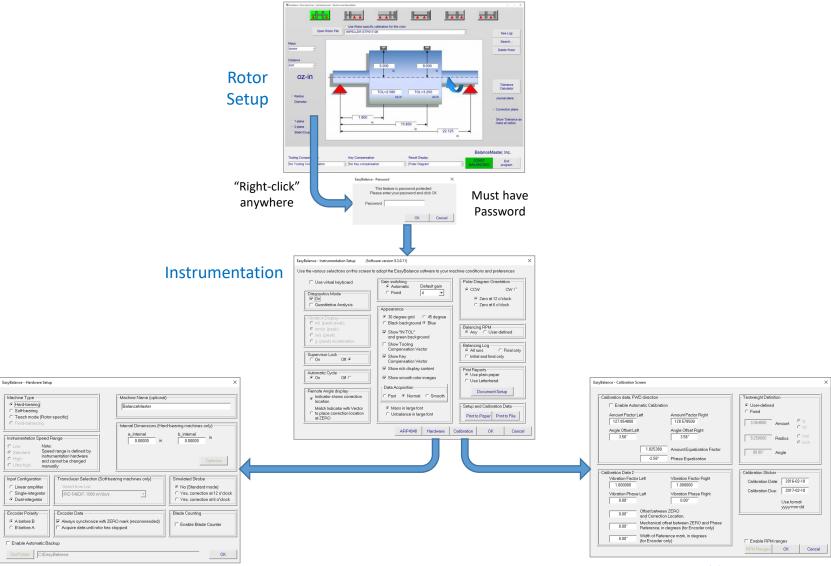
Balancing InstrumentationRoad Map

In 3 easy steps from **Setup** to **Result**

1. Setup rotor



Travel to Instrumentation City



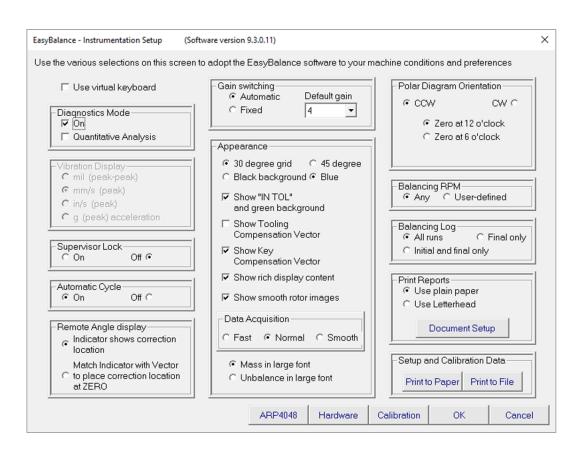
Hardware

Calibration

In the Neighborhood

Instrumentation Setup

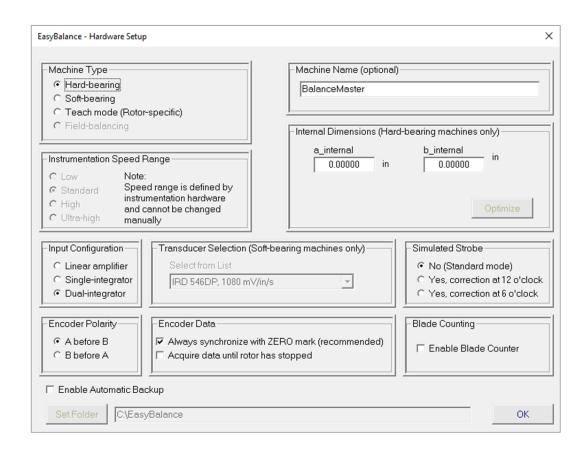
Diagnostics Mode
Supervisor Lock
Automatic Cycle
Remote Angle Display
Gain switching
Appearance
Polar Diagram Orientation
Balancing RPM
Balancing Log
Print Reports
Setup and Calibration Data



In the neighborhood

Hardware Setup

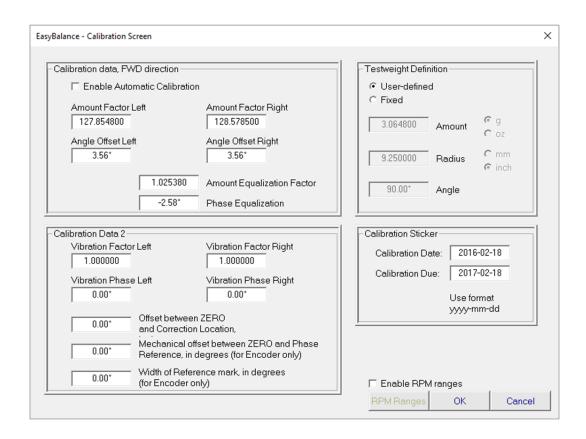
Machine Type
Instrumentation Speed Range
Input Configuration
Encoder Polarity
Encoder Data
Machine Name
Internal Dimensions
Transducer Selection
Simulated Strobe
Blade Counting
Automatic Backup



In the neighborhood

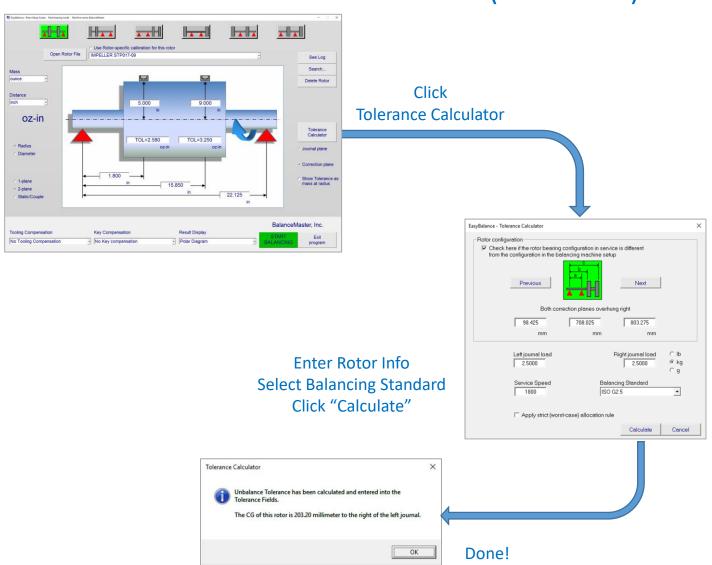
Calibration Setup

Automatic Calibration
Calibration Data
Calibration Data 2
Testweight definition
Calibration Sticker
RPM Range calibration



What's my Tolerance?

Tolerance Calculator (ISO 21940)



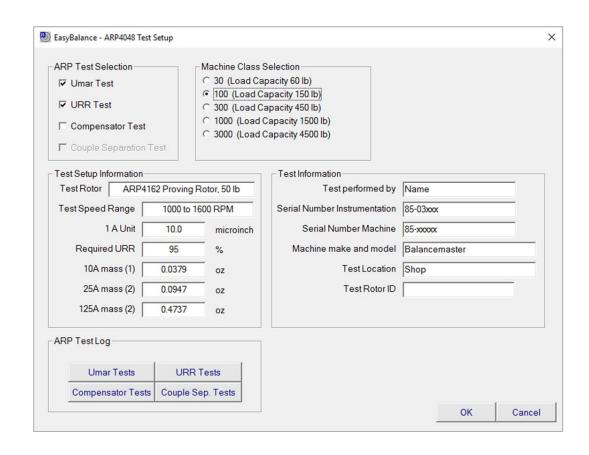
ARP Test

ARP4048 ARP5323 ARP4050

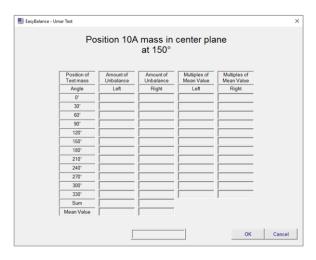
Umar Test
URR Test
Compensator Test
Couple Separation test

Internal data base for all machine classes

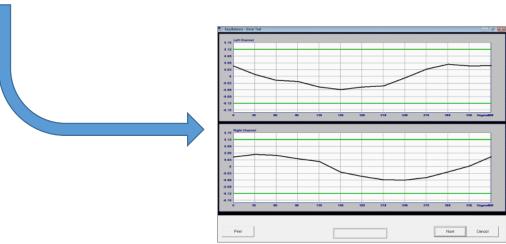
ARP Test Log



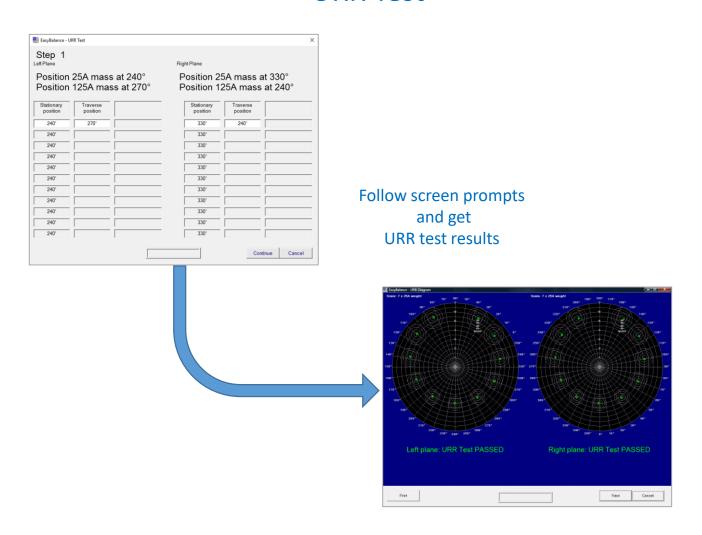
Umar Test



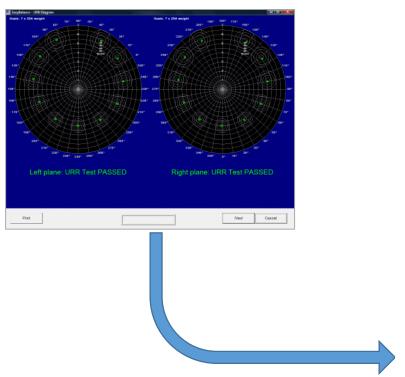
Follow screen prompts and get Umar test results



URR Test



ARP Test Documentation



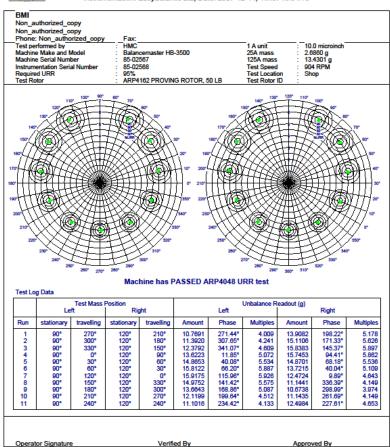
Generate ARP Test Print Reports

Use any printer connected to PC



ARP 4048 - URR TEST CERTIFICATE

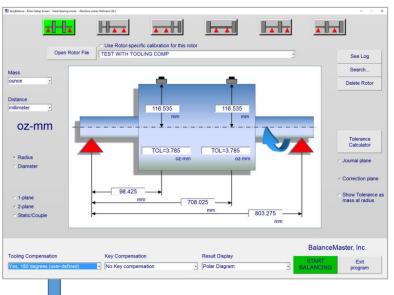
Instrumentation: EasyBalance 2.2, Date: 2007-12-14, Time: 16:54:19



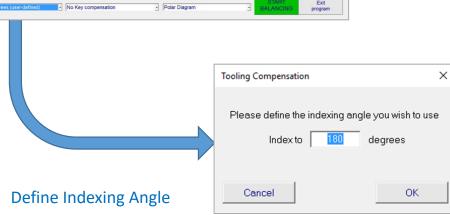
6.50.3.1

Must Have Items

Tooling Compensation

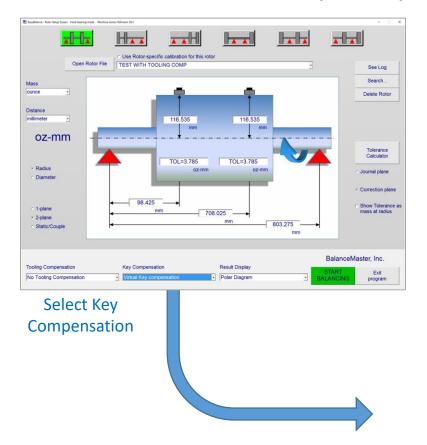


Select Tooling Compensation

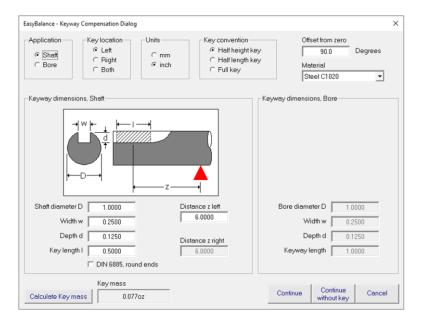


Must Have Items

Key Compensation



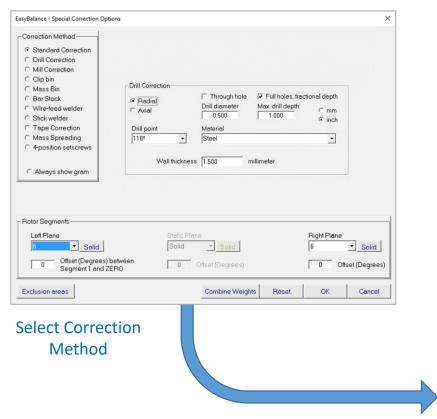
Define Key Shaft or Bore Key Location Key Convention



Drilling, Milling, Clips, Welding, Spreading... How do I get there?



Drilling, Milling, Clips, Welding, Spreading...

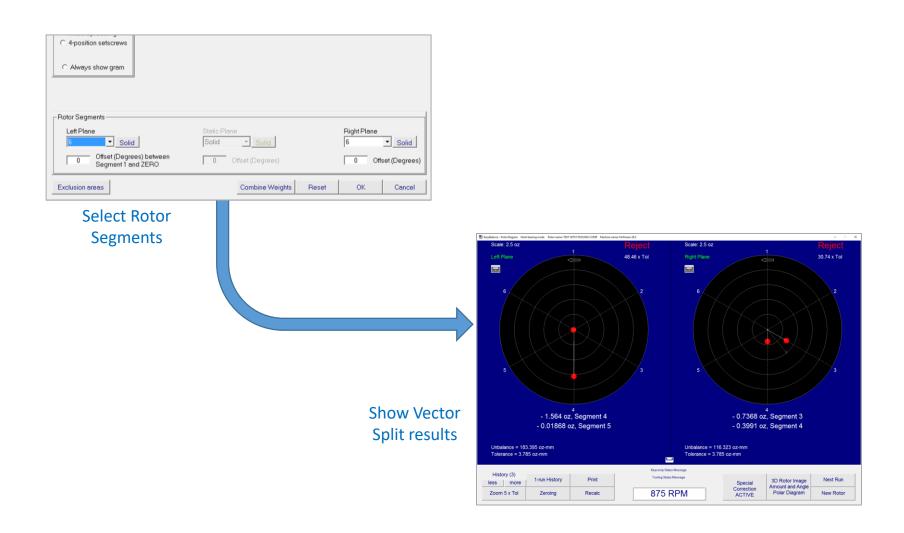


See result



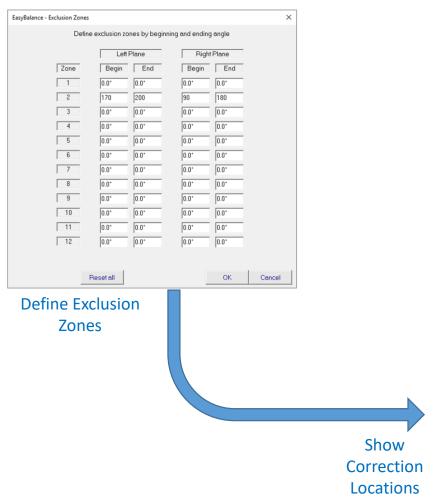
Forbidden Places

Rotor Segments



Forbidden Places

Exclusion Zones



V 2 holes, 0.677 inch 1 hole, 0.890 inch at 165.5° and 157.0° at 85.2° 1 hole, 0.828 inch 2 holes, 0.570 inch at 184.4° and 192.9° at 204.7° 1 1-run History Print 3D Rotor Image Amount and Angle less more 875 RPM Polar Diagram New Rotor Zoom 5 x Tol

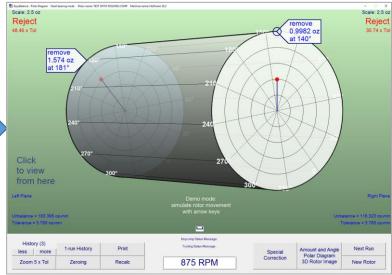
I like it different

3D Rotor Image



Click 3D Rotor Image

> Results are shown in a 3D Rotor Image (Yes, it moves if you have an Encoder)



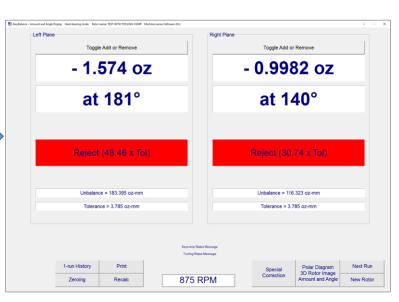
I like it different

Amount and Angle





Results are shown in Large Numbers Amounts and Angles



I like it different

Multiple Run Averaging

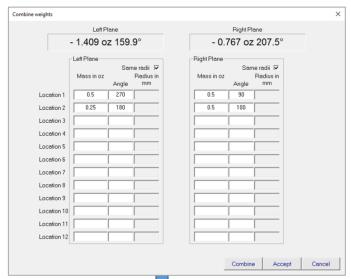


Multi Run Averaging
Include / Exclude individual runs
Show Standard Deviation
Continue with Result Average

tun History							×
Average calculated from 3 runs:							
	Left Plane				Right Plane		
	+ 0.40356 oz, 355°			+ 0.08629 oz, 314°			
						RPM	
Result 1 (younge	est):	0.2737 oz	352°	0.0152 oz	198°	875	✓ Include
Res	ult 2:	0.6646 oz	355°	0.0929 oz	310°	875	✓ Include
Res	ult 3:	0.2741 oz	1*	0.1739 oz	320°	875	✓ Include
Res	ult 4:						☐ Include
Res	ult 5:						☐ Include
Res	ult 6:						☐ Include
Res	ult 7:						☐ Include
Res	ult 8:						☐ Include
Res	ult 9:						☐ Include
Resu	lt 10:						☐ Include
Resu	lt 11:						☐ Include
Result 12 (olde	est):						☐ Include
max va	alue:	0.6646 oz	354.8°	0.1739 oz	320.3°	875 RPM	
min ve	alue:	0.2737 oz	0.6*	0.0152 oz	197.9°	875 RPM	
Standard Devia	tion:	0.1842 oz	204.84°	0.0653 oz	67.10°	0.0 RPM	
Standard Devia	tion:	21.4609 oz-mm		7.6050 oz-mm			
	Delete a	all non-selected runs	Discard last run	Print to Paper	Print to File U	Jse Average	Continue

I'm a Neat Freak

Clean up a Rotor



Enter existing unbalance corrections...

and combine old and new corrections into one



The Doctor will see you now...

Built-in Diagnostics



Directly look at Sensor signal strength Easily identify bad cables, bad sensors

> Built-in multi-channel Oscilloscope: Raw signals and various filter stages Super-imposed over Live Results

