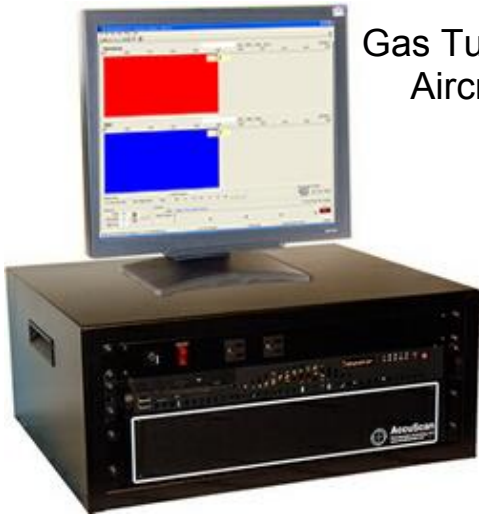
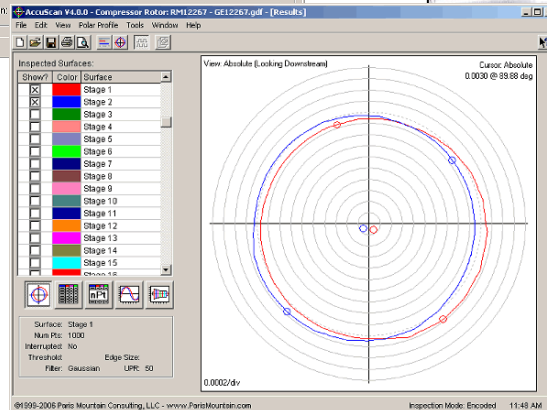
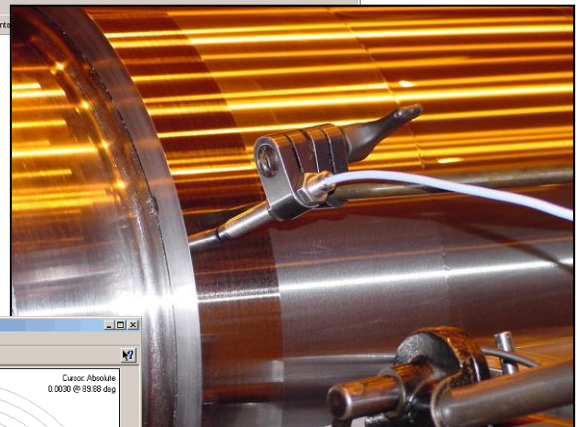
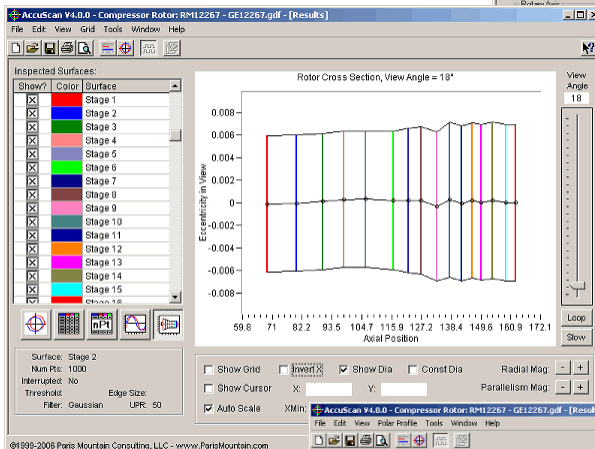
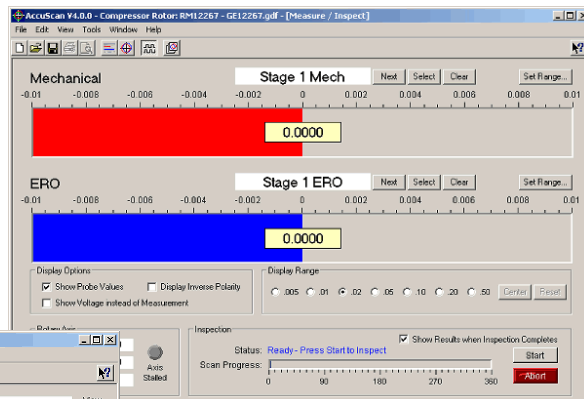


Mechanical and Electrical Runout Inspection Rotor to Casing Alignment Rotor Stacking

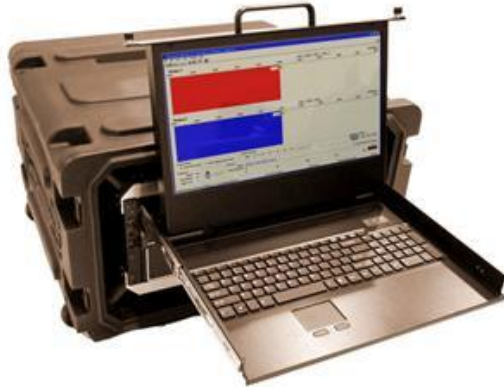
Gas Turbines ▪ Steam Turbines ▪ Wind Turbines
Aircraft Engines ▪ Compressors ▪ Turbines
Generators ▪ Motors ▪ Pumps



AccuScan XE200i



Paris Mountain Consulting
Inspection Systems and Software



AccuScan XE200i Portable

Key Features:

- One person operation
- Extremely fast and flexible
- 1000 or more data points per revolution
- Small data files
- Customizable data formats
- Multi-revolution scanning
- Easy to program Inspection Templates
- Export PDF Reports
- Export data to spreadsheet files
- Part misalignment compensation
- On-board Help
- Calibrated Accuracy of +/-10µin (+/-0.25µm)

Can be used with:

- V-Blocks
- Lathes, grinders, and other machine tools
- Rotary tables (Air-bearing tables available)

Measure:

- Round parts
- Non-round parts (e.g. tri-lobe cams)
- Slotted or interrupted surfaces
- Blade or impeller runout
- Rotor to casing alignment

Measured Data Includes:

- Runout (Mechanical and Electrical)
- Roundness
- Eccentricity
- Flatness
- Parallelism

Available Probe Technologies:

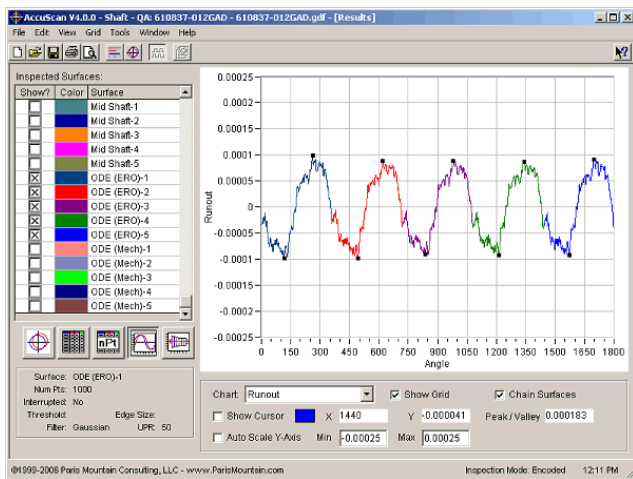
- Contact (lever or pencil probe)
- Eddy Current
- Capacitance
- Laser
- Wireless Laser (World's First!)

Free AccuScan Viewer

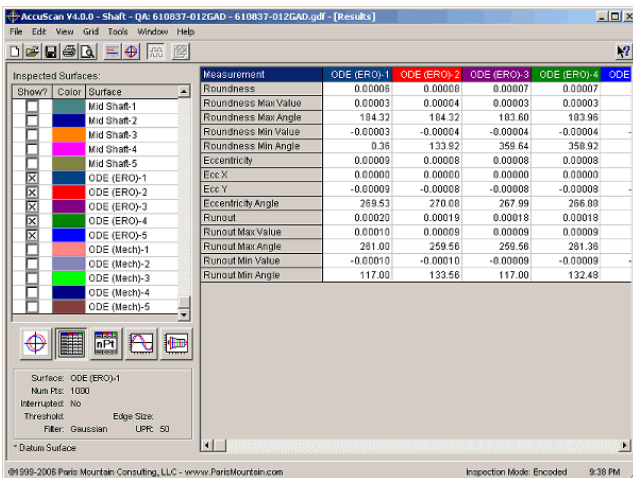
- Share data with your suppliers or customers

Standard 2-Probe system comes equipped with one pencil probe mechanical runout inspection, and one eddy current probe for electrical runout inspection.

Other configurations available on request.



Strip Chart



Measurement	ODE (ERO)-1	ODE (ERO)-2	ODE (ERO)-3	ODE (ERO)-4
Roundness	0.00006	0.00008	0.00007	0.00007
Roundness Max Value	0.00003	0.00004	0.00003	0.00003
Roundness Max Angle	184.32	184.32	183.60	183.96
Roundness Min Value	-0.00003	-0.00004	-0.00004	-0.00004
Roundness Min Angle	0.38	133.92	358.64	358.92
Eccentricity	0.00009	0.00008	0.00008	0.00008
Ecc X	0.00000	0.00000	0.00000	0.00000
Ecc Y	-0.00009	-0.00008	-0.00008	-0.00008
Eccentricity Angle	269.53	270.08	267.99	266.89
Runout	0.00020	0.00019	0.00018	0.00018
Runout Max Value	0.00010	0.00009	0.00009	0.00009
Runout Max Angle	281.00	259.56	259.56	281.36
Runout Min Value	-0.00010	-0.00010	-0.00009	-0.00009
Runout Min Angle	117.00	133.56	117.00	132.48

Calculated Results