

# Quality

MAGAZINE

## 2008 Quality Buyers Guide

- 00100 Acceleration Test Systems and Equipment
- 00200 Accelerometers and Sensors
- 00300 Acoustic Emission Test Systems and Equipment
- 00400 Acoustical Test Systems and Equipment
- 00500 Adhesion and Bond Strength Testers
- 00600 Advanced Product Quality Planning (APQP)
- 00700 Air Dryers
- Air Gages:
- 00800 *ID Measurement*
- 00900 *OD Measurement*
- 01000 Air Pollution Measurement and Sampling Equipment
- Alloy Sorting:
- 01100 *Chemical*
- 01200 *Eddy Current*
- 01300 *Thermoelectric/Electronic*
- 01400 Ammeters
- Amplifiers:
- 01500 *Instrumentation*
- 01600 *Microwave*
- 01700 Analog Indicators
- Analyzers:
- 01800 *Circuit*
- 01900 *Distortion*
- 02000 *Frequency*
- 02100 *Gas*
- 02200 *Image*
- 02300 *Liquid*
- 02400 *Logic*
- 02500 *Mechanical Impedence*
- 02600 *Mechanical, Thread*
- 02700 *Moisture*
- 02800 *Network*
- 02900 *Noise*
- 03000 *Solid*
- 03100 *Spectrum*
- 03200 *Surface Chemistry*
- 03300 *Wiring*
- 03400 Angle Measurement Gages
- 03500 AS 9000 Registrars
- 03600 ATE (Automatic Test Equipment)
- 03700 Auditors
- 03900 Autocollimators
- 04000 Automatic Gaging and Sorting Systems
- 04100 Awards and Incentives
- 04200 Backplane Testers
- Balancers:
- 04300 *Dynamic*
- 04400 *Static*
- 04500 Ball Gages
- 04600 Ball Plates and Ball Bars
- 04700 Barcode Systems
- 04800 Baths, Oil, Regulated Temperature, Water
- 04900 Bearing Analyzing Systems
- 05000 Board Testers (ATE)
- 05100 Bond Inspection Equipment
- 05200 Bond Testers
- 05300 Bore Gages, Mechanical and Electronic
- Borescopes:
- 05400 *Flexible*
- 05500 *Rigid*
- 05600 *Video*
- 05700 Burn-In Equipment
- 05800 Cabinets and Benches, Controlled Environment
- Cabinets:
- 05900 *Desiccator*
- 06000 *Precision Tool and Instrument*
- 06100 Cable Testers
- CALIBRATION:
- 06200 Ultrasonic
- Calibration Equipment:
- 06300 *Eddy Current*
- 06400 *Electromechanical*
- 06500 *Electronic*
- 06600 *Fixed*
- 06700 *Force*
- 06800 *Mechanical*
- 06900 *Vacuum Gage*
- 07000 Calibration Gage Blocks and Gaging Accessories
- 07100 Calibration Labs
- Calibration Services:
- 07200 *Dimensional Measurement Equipment*
- 07300 *Electronic Test and Measurement Equip.*
- 07400 *Environmental Test Equipment*
- 07500 *Materials Test Equipment*
- 07600 Calipers
- Cameras:
- 07700 *General Purpose*
- 07800 *Infrared*
- 07900 *Microscopes*
- 08000 *Video*
- 08100 Capacitor Testers
- 08200 CCTV
- 08300 Centers, Bench
- 08400 Ceramics, Metrology
- Certification:
- 08500 *Auditors*
- 08610 *AS 9100*
- 08620 *ISO 14000*
- 08630 *ISO 9000*
- 08640 *QS 9000*
- 08660 *Registrars*
- 08700 Chambers, Test
- 08800 Chamfer Gages
- 08900 Charts, for Optical Comparators
- 09000 Charts, Recording
- 09100 Cleanrooms, Portable
- 09200 Cleanrooms, Prefabricated
- 09300 CNC Controls and Digital Readouts, Optical and Video Measure
- 09400 Coating Measurement
- 09500 Coating Thickness and Color Measurement
- 09600 Collimators
- 09700 Color Control Standards
- 09800 Color Measurement
- 09900 Colorimeters
- 10000 Compression Testers
- 10100 Computer-Controlled Instruments/Cards
- 10200 Computers
- 10300 Computers, Accessories
- 10400 Consultants
- 10500 Consultants, Certification
- Coordinate Measuring Machines (CMM):
- 10600 *Calibration Services*
- 10700 *CNC/DNC*
- 10800 *Cylindrical*
- 10900 *Fixtures and Accessories*
- 11000 *Manual*
- 11100 *Multiple Sensor*
- 11200 *Portable*
- 11300 *Probes and Styli*
- 11400 *Software*
- 11500 Coordinate Measuring, Inspection Services
- 11600 Corrective Action Tracking Systems
- 11700 Corrosion Measurement
- 11800 Counters, Electronic
- 11900 Counters, Mechanical
- 12000 Creep Testers
- 12100 CRT Tester
- 12200 Cryogenic Test Systems and Equipment
- 12300 Curve Tracers
- 12400 Cylindricity Measurement
- 12500 Data Acquisition
- 12600 Data Acquisition Boards
- 12700 Data Acquisition Devices
- 12800 Data Acquisition Software
- 12900 Data Collection and SPC
- 13000 Data Collection Systems
- 13100 Data Mining
- 13200 Dehumidifiers
- 13300 Demagnetizers
- 13400 Densitometers
- 13500 Depth Gages

13600 Design of Experiments (DOE) Detectors:	19400 Flowcharting and Process Mapping	25700 Indicators, Dial, Contact Points
13700 <i>Broken Tool</i>	19500 Flowmeters	25800 Indicators, Mechanical Dial and Electronic
13800 <i>Gas</i>	19600 Fluoroscopes	25900 Indicators, Speed
13900 <i>Loose Particle</i>	19700 Fluxmeters	26000 Indicators, Torque
14000 <i>Mercury Vapor</i>	19900 Formability Testers	26100 Infrared Test Systems and Equipment
14100 <i>Metal</i>	20000 Fourier Transform Instruments	26200 Inks, Metal Marking
14200 Dielectric Strength Testers	20100 Friction Testers	Inspection Services:
14300 Diffractometers	20200 Gage Blocks	26300 <i>Dimensional Measurement</i>
14400 Digital Recorders	20300 Gage Management	26400 <i>Metrology</i>
14500 Dimensional Measurement	20400 Gage Masters	26500 Insulation Resistance Testers
14600 DMIS	20500 Gage Stands	26600 Insulation Testers
14700 Document Control	Gages:	26700 Integrated Circuit Testers
14800 Dosimeters	20600 <i>Amplifying, Laser</i>	26800 Integrators, Digital Readout
14900 Drafting Equipment and Supplies	20700 <i>Automatic Size Control</i>	Interferometers:
15000 Ductility Testers	20800 <i>Centering</i>	26900 <i>Distance Measuring</i>
15100 Durometers	20900 <i>Dial Indicator</i>	27000 <i>Surface Contour</i>
15200 Dye Penetrant Test Systems and Equipment	21000 <i>Electronic</i>	27400 Jigs and Fixtures
15300 Dynamometers	21100 <i>Electronic Column</i>	Laboratories:
15400 Eddy Current Test Systems and Equipment	21200 <i>Flush</i>	27500 <i>Acoustic/Vibration</i>
15500 Elapsed Time Meters	21250 <i>Force</i>	27600 <i>Analytical</i>
15600 Elasticity Testers	21300 <i>Gap</i>	27700 <i>Biological Testing</i>
15700 Electrified Particle Test Systems and Equipment	21400 <i>Gear</i>	27800 <i>Chemical Analysis</i>
15800 Electrified Pulse Testing Equipment	21500 <i>Geometry</i>	27900 <i>Construction Materials Engineering</i>
15900 Electromagnets	21600 <i>Handheld, Dimensional, Fixed and Variable</i>	28000 <i>Electrical Testing</i>
16000 Electronic Amplifiers/Readouts	21700 <i>Humidity</i>	28100 <i>EMI</i>
Electronic Gages:	21800 <i>In-Process</i>	28200 <i>Environmental</i>
16100 <i>ID Measurement</i>	21900 <i>Laser</i>	28300 <i>Mechanical Testing</i>
16200 <i>OD Measurement</i>	22000 <i>Laser Profiling</i>	28400 <i>Metallurgical and Materials Testing</i>
Electronic Levels:	22100 <i>Length of Travel</i>	28500 <i>Metrology</i>
16300 <i>Angle Measurement</i>	22200 <i>Plug and Ring, Cylindrical</i>	28600 <i>NDT</i>
16400 <i>Flatness Measurement</i>	22300 <i>Plug and Ring, Thread</i>	28700 <i>Optics/Photometry</i>
16500 Electronic Test Accessories	22400 <i>Pressure</i>	28800 <i>Testing</i>
16600 Electronic Test Instruments	22450 <i>Spline</i>	28900 <i>Thermal Testing</i>
16700 Electrostatic Clothing	22500 <i>Tapped Hole Location</i>	Lamps:
16800 Electrostatic Discharge (ESD) Prevention Devices and Equip.	22600 <i>Thickness, Laser</i>	29000 <i>Inspection</i>
16900 Electrostatic Furnishings	22700 <i>Thickness, Noncontact</i>	29100 <i>Monochromatic</i>
17000 Electrostatic Measurement	22800 <i>Thickness, X-Ray</i>	29200 Lapping Machines
17100 EMI Measurement Equipment	22900 <i>Thread</i>	29300 Laser Alignment Systems
17200 Encoders	23000 <i>Thread, Indicating</i>	29400 Laser Holographic Test Systems and Equipment
17300 Endurance Test Systems	23100 <i>Vacuum</i>	29500 Laser Measurement Systems
17400 Engine Test Systems	23200 Galvanometers	29600 Laser-Based Measurement
17500 Environmental Stress Screening Systems	23300 Gaussmeters	29700 Leak Detection
17600 Environmental Test	23400 Gear Inspection System	29800 Lean Manufacturing
17700 Extensometers	23500 Gear Measurement Equipment	Lenses:
17800 Failure Mode and Effect Analysis (FMEA)	23600 Generators	29900 <i>CCTV</i>
17900 Fatigue Testers	23700 Geometric Dimensioning and Tolerancing (GD&T)	30000 <i>Magnifying</i>
18000 Fiberoptic Inspection Equipment	23800 Geometry Measurement	30100 <i>Photographic</i>
Filters:	23900 Glass Scales	30200 Levels
18100 <i>Air</i>	24000 Glossmeters	30300 Levels, Electronic
18200 <i>Optical Interference</i>	24100 Hardness Testers	30400 Light Boxes
18300 <i>Photographic</i>	24200 Hardness Testers, Ultrasonic	30500 Lightbulbs, Replacements
18400 <i>X-Ray</i>	24300 Haze Meters	30600 Load Cells
18500 Fixed Limit Gages (Go/No-Go)	24400 Heads, Micrometer	30700 Locators, Edge
18600 Fixture and Special Tooling Gages	24500 Height Gages	30800 Logic Probes
18700 Fixtures, Gaging	24600 Hipot Testers	30900 Machine Bases, Granite
18800 Flatness Gages	Holders:	31000 Machine Vision Equipment
18900 Flatness Testers	24700 <i>Indicator</i>	31100 Magnetic Field Test Systems
Flats:	24800 <i>Tool and Work</i>	31200 Magnetic Particle Test Systems
19000 <i>Optical</i>	24900 Humidity Detection Equipment	31300 Magnetizers
19100 <i>Toolmakers'</i>	25000 Hydrometers	31400 Magnetometers
19200 Flexure Testers	25100 Illuminators	31500 Magnets, Permanent
19300 Flow Controllers	25200 Image Processing Equipment	Manuals:
	25300 Impact Testers	31600 <i>Certification</i>
	25400 Inclinator	31700 <i>Training</i>
	25500 Indicators, Density	31800 Marking Equipment
	25590 Indicators	31900 Master Gears, Spur and Helical
	25600 Indicators, Dewpoint	

32000 Materials Test  
32100 Measuring Machines  
32200 Melt Indexers  
32300 Metal Test Coupons  
32400 Metallographic Equipment and Supplies  
Meters:  
32500 *Ampere Hours*  
32600 *Conductivity*  
32700 *Displacement Leak*  
32800 *Field Strength*  
32900 *Frequency*  
33000 *Illumination*  
33100 *Null*  
33200 *Standing Wave*  
33300 *Static*  
33400 *Tension*  
33500 Microfilm Equipment  
33600 Microhardness Testers  
33700 Micrometers  
33800 Micrometers, Bench  
Microscopes:  
33900 *Accessories*  
34000 *Acoustic*  
34100 *Brinell*  
34200 *Electron*  
34300 *General Purpose*  
34400 *Infrared Scanning*  
34500 *Measuring*  
34600 *Metallurgical*  
34700 *Scanning Probe*  
34800 *Stereo*  
34900 *Toolmakers'*  
35000 Microwave Test Equipment  
35100 Monochromators  
35200 Motion Analysis Equipment  
35300 Motion Analysis, Video  
35400 Motor Testers  
35500 Multimeters  
35600 NC Accuracy Measurement Systems  
35700 Near Infrared Equipment  
35800 Nondestructive Test (NDT)  
35900 Noncontact Measurement  
36000 O-Rings  
36100 Ohmmeters  
36200 Opacimeters  
36300 Optical Comparators  
36400 Optical Comparators, Accessories  
36500 Optical Flats  
36600 Optical Measurement Equipment  
36700 Optical Scanners  
36800 Optical, Laser and Noncontact Measurement  
Oscilloscopes:  
36900 *Analog*  
37000 *Digital*  
37100 *Handheld/Portable*  
37200 Ovens  
37300 Ovens, Vacuum  
37400 Packaging Materials  
37500 Parallels  
37600 Particle Test Systems  
37700 Penetrimeters  
37800 Penetrant Dye Test Systems  
37900 Penetrant Testing Services  
38000 Performance Testing Systems  
38100 Personal Computers  
38200 pH Meters and Testers  
38300 Photoelectric Devices

38400 Pin Gages  
38500 Plastic Windows, Gages  
38600 Plasticity Testers  
38700 Plastics Test Equipment  
Plates:  
38800 *Right Angle*  
38900 *Surface*  
39000 Plotters  
39100 Plug Gages, Fixed Limit  
39200 Pneumatic Transmitters  
Polygons:  
39300 *Digital*  
39400 *Optical*  
39500 Positioners  
39600 Posters and Billboards  
39700 Potentiometer Testers  
39800 Power Converts  
39900 Power Supplies and Electrical Power Equipment  
40000 Power Supply Testers  
40100 Presses, Laboratory  
40200 Pressure Controllers  
40300 Pressure Sensors  
40400 Pressure Switches  
40500 Pressure Test Equipment  
40600 Printed Circuit Repair Systems  
40700 Printers  
Probes:  
40800 *CMM*  
40900 *Current*  
41000 *Fiberoptic*  
41100 *Ultrasonic*  
41200 Process Control Equipment  
41300 Process Control Software  
41400 Process Improvement  
41500 Programmable Controllers  
41600 Prototyping Services  
41700 Protractors, Bevel  
41800 Publishers  
41900 Pyrometers  
42000 QS-9000 Registrars  
42100 Quality Engineer Supplies  
42200 Quality Functional Deployment (QFD)  
42300 Quality Functional Deployment (QFP)  
42400 Quality Management  
42500 Quality Management Software  
42600 Quality Management Systems  
42700 Quality Professional Certification Programs  
42800 Radiation Detectors  
42900 Radiographic Test Systems  
43000 Radioisotopes  
43100 Radiometers  
43200 Random Vibration Screening  
Readout Devices:  
43300 *Analog*  
43400 *Digital*  
Recorders:  
43500 *Circular Chart*  
43600 *Digital*  
43700 *Graphic*  
43800 *Magnetic Tape*  
43900 *Multi-Point*  
44000 *Oscillograph*  
44100 *Strip-Chart*  
44200 *Temperature*  
44300 *X-Y*  
44400 References, Thermocouple

44500 Refractometers  
44600 Refrigeration Equipment  
44700 Registrars  
44800 Relay Testers  
44900 Rental Equipment  
45000 Repair Services, Instruments  
45100 Replicating Compound, Metrology-Grade  
45200 Research and Development Services  
45300 Reticules  
45400 Rheometers  
45500 Right Angle Plates  
45600 Ring Gages, Fixed Limit  
45700 Risers, Granite  
45800 Robotics  
45900 Roundness/Cylindricity Measurement Equipment  
46000 Rules, Measuring  
46100 Scales, Glass  
Scales/Balances:  
46200 *Electronic*  
46300 *Mechanical*  
46400 Scintillation Counter  
46500 Scratch Testers  
46600 Scribes  
46700 Semiconductor Materials Testing, QC  
46800 Semiconductor Testers  
Sensors:  
46900 *Acoustical*  
47000 *Capactive*  
47100 *Inductive*  
47200 *Optical*  
47300 *Thermal*  
47400 *Velocity*  
Services:  
47500 *Failure Analysis*  
47600 *Inspection and Testing*  
47700 Servo Testers  
47800 Shear Testers  
Shielding:  
47900 *Electronic*  
48000 *X-Ray*  
48100 Shock Equipment  
48200 Signal Converters  
48300 Sine Bars  
48400 Six Sigma  
Snap Gages:  
48500 *Air*  
48600 *Dial Indicator*  
48700 *Electronic*  
48800 *Fixed Limit*  
Software:  
48900 *Benchmarking*  
49000 *CAD/CAM*  
49100 *CMM*  
49200 *Color Graphics*  
49300 *Data Acquisition*  
49400 *Design of Experiments*  
49500 *Document Control*  
49600 *Electronic Test and Analysis*  
49700 *ERP*  
49800 *Flowcharting*  
49900 *Gage Calibration and Management*  
50000 *Gage Repeatability*  
50100 *Graphics*  
50200 *ISO 14000*  
50300 *ISO 9000*

50400 <i>Manufacturing Execution Systems</i>	56700 Tapes and Rules, Measuring	62600 <i>NDT</i>
50500 <i>MEP</i>	56800 Tapes, Precision Calibrated	62700 <i>Process Control</i>
50600 <i>MRP</i>	56900 Tear Testers	62800 <i>QS-9000</i>
50700 <i>OC Curves</i>	57000 Temperature Indicators	62900 <i>Quality</i>
50800 <i>Plotting</i>	57100 Temperature Measurement, Infrared	63000 <i>Software</i>
50900 <i>Process Control</i>	57200 Templates	63100 <i>SPC</i>
51000 <i>QS-9000</i>	57300 Tensile Sample Machine	63200 <i>Standards</i>
51100 <i>Quality Costs</i>	57400 Tensile Samples	63300 <i>Statistical</i>
51200 <i>Quality Management</i>	57500 Tensile Testers	63400 <i>Videotape</i>
51300 <i>Regression Analysis</i>	57600 Test and Inspection Services	Transducers:
51400 <i>Reliability</i>	57700 Test Blocks, Stages	63500 <i>Acoustical</i>
51500 <i>SPC</i>	57800 Test Handlers	63600 <i>Analyzers</i>
51600 <i>Statistics</i>	57900 Test Probes	63700 <i>Angular Displacement</i>
51700 <i>Technical Drawing</i>	58000 Theodolite Measurement	63800 <i>Linear Displacement</i>
51800 <i>Thermal Analysis</i>	58100 Thermal Analysis Software	63900 <i>Power</i>
51900 Solderability Testing	58200 Thermal Analysis Systems	64000 <i>Pressure</i>
52000 Sonic Test Equipment	58300 Thermal Conductivity	64100 <i>Torque</i>
52100 Sorting Systems	Thermocouples:	64200 <i>Ultrasonic</i>
52300 SPC Training Services	58400 <i>Pyrometric</i>	64300 <i>Velocity</i>
52400 Spectrographs	58500 <i>Vacuum Thermoelement</i>	64400 Turbidity Instruments
52500 Spectrometers	58600 Thermometers	64500 Turnkey Gaging Systems
52600 Spectrophotometers	58700 Thermometers, Surface Temperature	64600 Ultrasonic Cleaning Equipment
52700 Spectroscopes	Thickness Gages:	64700 Ultrasonic Test Blocks
52800 Speed Drives, Adjustable	58800 <i>Coatings - Contact</i>	64800 Ultrasonic Test Equipment
52900 Spindles, Rotary Work and Inspection	58900 <i>Coatings - Noncontact</i>	64900 Ultraviolet (UV) Equipment
53000 Spring Testers	59000 <i>Electronic</i>	65000 Universal Testing Machines
53100 Squares	59100 <i>Fixed Limit</i>	65100 Used Equipment
53200 Stages	Thickness Testers:	65200 V-Blocks, Straight Edge
53300 Stages, Coordinate Measuring	59200 <i>Beta Ray Backscatter</i>	65300 Vacuum Pumps
Standards:	59300 <i>Coating</i>	65400 Vee Blocks
53400 <i>Air Flow Calibration</i>	59400 <i>Eddy Current</i>	65500 Vibration Analysis Systems
53500 <i>Capacitance</i>	59500 <i>Laser</i>	65600 Vibration Inspection Systems
53600 <i>Frequency</i>	59600 <i>Magnetic</i>	65700 Vibration Isolation Systems
53700 <i>Geometry</i>	59700 <i>Ultrasonic</i>	65800 Vibration Test Equipment
53800 <i>Resistance</i>	59800 <i>X-ray</i>	65900 Video Inspection Systems
53900 <i>Voltage</i>	59900 Thin Film Measurement	66000 Video Measurement Machines and Systems
Stands:	Thread Gages:	66100 Video Measurement, Accessories
54000 <i>Indicator</i>	60000 <i>Fixed Limit</i>	66200 Viscometers
54100 <i>Test</i>	60100 <i>Variable/Single Element</i>	66300 Vises
54200 Statistical Analysis	60200 Thread Micrometers	66400 Vision Inspection Systems
54300 Statistical Analyzer	60300 Timers	66500 Vision Inspection, Components/Peripherals
54400 Statistical Software	60400 Tool Presetters	66600 Voice Data Entry
54500 Stiffness Testers	60500 Tooling and Equipment (TE) Supplement	66700 Voltage Divider
54600 Straight Edges	Tools:	66800 Voltmeters
54700 Strain Gages	60600 <i>Cutting</i>	66900 VXI-Bus Instruments
54800 Stress Analysis Equipment	60700 <i>Precision</i>	67000 Wafer Characterization
54900 Stroboscope Equipment	60800 Torque Calibration Equipment	67100 Wattmeters
55000 Surface Analysis Equipment	60900 Torque Measuring Equipment	67200 Waveform Analyzers
55100 Surface Contamination Evaluation	61000 Torque Tools	67300 Weighing Systems
Surface Finish:	61100 Torsion Testers	67400 Weld, Process Monitor/Inspection
55200 <i>Averaging</i>	61200 Total Productive Maintenance (TPM)	67500 Welding, Ultrasonic
55300 <i>Profiling</i>	61300 Touch-Trigger Probes	67600 Wire Crimp Pull Tester
Surface Measurement Equipment:	61400 Training Aids	Wires:
55400 <i>Contour and Profile</i>	61500 Training and Consulting Services	67700 <i>Gear Checking</i>
55500 <i>Finish and Texture</i>	Training:	67800 <i>Thread Measuring</i>
55600 <i>Waviness</i>	61600 <i>Auditor</i>	67900 Workstations, Laminar Flow
55700 Surface Plates	61700 <i>CD-ROM</i>	68000 X-ray Accessories and Supplies
55800 Surface Texture Comparison Blocks	61800 <i>Certification</i>	68100 X-ray Film
Switches:	61900 <i>ESD</i>	68200 X-ray Film Processing
55900 <i>Joystick</i>	62000 <i>Geometric Dimensioning and Tolerancing</i>	68300 X-ray Fluorescence
56000 <i>Proportional Control</i>	62100 <i>ISO 14000</i>	68400 X-ray Machines
56100 <i>Proximity</i>	62200 <i>ISO 9000</i>	68500 X-ray Paper
Tables:	62300 <i>Management</i>	68600 X-ray Tubes
56200 <i>Compound</i>	62400 <i>Metrology</i>	
56300 <i>Gyro Test</i>	62500 <i>Motivational</i>	
56400 <i>Rotary</i>		
56500 <i>Tilting</i>		
56600 Tachometers		