

A.A. Jansson Inc.

2070 Airport Road
Waterford, MI 48327
Ph. 800-526-7766 Fax 248-674-1234
www.aajansson.com

Optek vision systems, Opti-Flex vision systems and used vision systems—rebuild and updated vision-based CMMs.

Absolute Clarity & Calibration LLC

109 Main St.
Terryville, CT 06786
Ph. 860-583-0502 Fax 860-314-1851
www.absoluteclarity.com

Specializes in optical measurement and inspection equipment. ACC offers field service, repair, NIST-traceable calibration and sales of optical equipment, video measurement software, bulbs, DROs and related optical equipment.

Acu-Gage Systems

175 Ammon Drive
Manchester, NH 03103
Ph. 800-422-2283 Fax 603-626-1277
www.acu-gage.com

Manufactures one-, two- and three-axis noncontact video-based measuring systems. Manual to fully automated machines in sizes from 8 x 8 in. to 48 x 96 in. Automation options are field-retrofitable. Acu-Gage offers customized features, NIST-traceability, and full maintenance and annual recalibration services.

Adept Technology Inc.

150 Rose Orchard Way
San Jose, CA 95134
Ph. 800-292-3378 Fax 408-434-5119
www.adept.com

Manufactures a family of SCARA robots, linear modules, motion controllers and simulation software for automated small parts assembly and material handling.

AEI North America Inc.

Old Mill Building, 10 Orange St.
Marcellus, NY 13108
Ph. 315-673-0164 Fax 315-673-9800
www.aeinorthamerica.com

Illumination systems for production, manufacturing and quality control.

American Tech Manufacturing Inc.

41332 Christy St.
Fremont, CA 94538
Ph. 510-657-9370 Fax 510-657-9377
www.americantech.com

SMD 9000—Automated inspection system for surface mount devices. High resolution, fully programmable, image processing based system for the inspection of PLCC, SOIC and SOJ devices.

Assurance Technologies Inc.

396 Fenton Lane, Ste. 605
West Chicago, IL 60185
Ph. 630-231-4800 Fax 630-231-8844
www.atiquality.com

An ISO 9001-registered corporation, servicing most metrology equipment and hand gages. We are now ISO/IEC Guide 25-accredited through LAB. Online machine vision systems. Contact and noncontact CMMs.

Automation Components Inc.

25 Kenwood Circle, No. 15
Franklin, MA 02038
Ph. 800-854-4873 Fax 508-520-3322
www.automation-components.com

A full-service metrology sales company. Our product line features optical and video inspection systems, CMMs, SPC hardware and software, CNC milling controls and digital read-out technology.

Automation Innovation Inc.

3337-3 Air Park Road
Fuquay-Varina, NC 27526
Ph. 919-557-6824 Fax 919-557-8170
www.auto-in.com

Specializing in noncontact thread inspection, press monitoring, gaging systems utilizing signature analysis process monitoring techniques.

BitFlow

300 Wildwood Ave.
Woburn, MA 01801
Ph. 781-932-2900 Fax 781-933-9965
www.bitflow.com

BitFlow is a leading manufacturer of analog, digital and Camera Link camera interface products for the imaging industry.

Boeckeler Instruments Inc.

4650 S. Butterfield Drive
Tucson, AZ 85714
Ph. 800-552-2262 Fax 520-745-0004
www.boeckeler.com

A leading manufacturer of video measuring, video marking and precision measuring devices and software.

**Brown & Sharpe**

200 Frenchtown Road
North Kingstown, RI 02852
Ph. 800-766-4673 Fax 401-886-2727
www.brownandsharpe.com

The world's leading manufacturer of coordinate measuring machines and precision measuring instruments. Also offers advanced measurement and inspection software and a full range of aftermarket services including calibration, contact measurement, equipment retrofits and rebuilds, software upgrades, parts, maintenance and repair services, technical support and training.

Brunson Instrument Co.

8000 E. 23rd St.
Kansas City, MO 64129
Ph. 877-632-7873 Fax 816-241-1945
www.brunsonkc.com

Products include Spatial Analyzer; the API laser measuring tracking system; and optical tooling instruments and accessories. We offer on-site field engineering, training, repair and rental services.

Buehler Ltd.

41 Waukegan Road
Lake Bluff, IL 60044
Ph. 800-283-4537 Fax 847-295-7929
www.buehler.com

After more than 65 years of manufacturing and globally supplying equipment and

consumables for microstructural analysis, Buehler remains the worldwide leader.

Bytewise Measurement Systems

1150 Brookstone Centre Parkway
Columbus, GA 31904
Ph. 706-323-5142 Fax 706-323-0178
www.bytewise.com

A full range of noncontact measurement systems that meet production, quality control, design and testing needs of rubber and aluminum extruders and tire manufacturers.

**CEJohansson/RAM Optical Instrumentation**

1791 Deere Ave.
Irvine, CA 92606
Ph. 877-764-6397 Fax 949-756-0051
www.cejmetrology.com

DataStar—Accuracy, performance and productivity. Whether your applications require a workspace efficient short bench or full workstation, the DataStar is built on a solid, granite base and optimized for stable, long-term performance in the most demanding applications.

Onyx—The fast multisensor 3-D system. This compact metrology system's multisensor head assembly offers both flexible capabilities and cost. Start with the system's primary Optical Video probe system, add the optional touch probe, the laser probe or both. This compact machine handles large parts normally accommodated only by larger, more costly metrology systems.

Quartz—Three-axis measurement for larger parts and assemblies. Available in three generous sizes, the Quartz combines the features and strengths of a traditional optical comparator, toolmaker's microscope and coordinate measuring machine. **Sprint**—Easy to learn and use space saver. This manual video system accommodates parts up to 6 in. long. Its high-resolution digital color camera and superior optics deliver accuracy for demanding metrology applications. Its patented optical video probe zoom is like a microscope to view from approximately 41X-242X on a 13.5 in. monitor.

StarLite—Economical, durable choice for smaller part inspection and measurement. Designed to be installed on the user's benchtop and to meet demanding manual, noncontact inspection and measurement needs. Enables easy-to-use walk-up parts measurement, accommodating parts up to 12 in. **Video Direct Microscope**—For fatigue-free 3-D inspection of small parts and assemblies. With patented Extended Depth of Field optics for effortless long term viewing on a 13.5 in. color video monitor. Three-dimensional objects stay in focus on all sides and remain in focus as they are rotated and moved by hand for inspection.

Clemex Technologies Inc.

800 Guimond
Longueuil, PQ J4G 1T5 Canada
Ph. 888-651-6573 Fax 450-651-9304
www.clemex.com

Clemex provides digital imaging solutions for the acquisition, archiving and analysis of images used in quality control and research laboratories.

Cognex Corp.

One Vision Drive
Natick, MA 01760
Ph. 508-650-3000 Fax 508-650-3344
www.cognex.com

Cognex's extensive product line includes low-cost vision sensors, point-and-click PC-based vision systems and programmable vision systems.

coherix

781 Avis Drive, Ste. 300
Ann Arbor, MI 48108
Ph. 734-222-1453 Fax 734-302-7296
www.coherix.com

HoloMapper HV1212—An advanced process analysis instrument targeted specifically to measure the flatness of automotive wheel hubs, brake rotors and wheel clamping surfaces. The instrument provides manufacturers with precise 3-D images of the critical surfaces of these components through the use of patented holographic imaging techniques. The HoloMapper HV1212 gathers this data by flood illuminating the field of view with collimated laser light, capturing precise data from any surface within its line of sight. Unwanted data can be easily masked to provide precise measurement of the surface of interest.

HoloMapper HV3000 and HV5000—High-tech, process analysis/measurement tools that utilize patented holographic imaging to make rapid, precision parts measurements in a high-resolution format. They take 3-D measurements by flood-illuminating component surfaces. The devices then produce a 3-D, color-coded image that provides dramatic visual interpretation of the surface of interest. Engineers can visualize the finished surface of a component and determine exactly where surface deformation is taking place to identify process-related issues. The HV3000 measures large surface areas, and the HV5000 measures micro mechanical components.

Colorado Video Inc.

6205 Lookout Road, Ste. G
Boulder, CO 80301
Ph. 303-530-9580 Fax 303-530-9569
www.colorado-video.com

Colorado Video manufactures image-processing, -analysis and -storage equipment. Hardware is available for point, profile or area intensity measurement, dimensional measurement and image comparison. Contrast enhancement, shading correction and image reversal are also available. Computer-free frame grabbers are ideal for process monitoring, stroboscopic and low-light systems. Video cross-hair and line generators.

Compix Inc. Imaging Systems

705 Thomson Park Drive
Cranberry Township, PA 16066
Ph. 724-772-5277 Fax 724-772-5278
www.cimaging.net

SimplePCI—A low-priced imaging program runs under Windows 98/2000/NT and benefits from Intel's MMX technology for accelerated processing. An intuitive graphical interface provides the ability to solve complex applications.

Computer Recognition Systems Inc.

P.O. Box 391380
Cambridge, MA 02139
Ph. 617-491-7665 Fax 617-491-7753
www.crs-vision.com

Provides machine-vision systems for traffic applications, including optical character recognition, license plate reading, traffic analysis, violation enforcement systems, HOV lane enforcement, vehicle detection and classification, weigh-in-motion and a range of industrial machine-vision inspection systems.

Coreco Imaging

900 Middlesex Turnpike
Billerica, MA 01821
Ph. 800-333-3035 Fax 978-670-2010
www.imaging.com

Bandit Series—High performance, VGA frame grabbers that displays captured video from color/monochrome, fixed and variable scan cameras. Features high display resolutions. Specifically designed for machine vision and medical imaging applications.

Bandit-II Series—New line of next generation frame grabbers for machine vision and medical imaging. Designed to handle a variety of camera interface requirements and features flexible acquisition, AGP/PCI interface and dual display capability.

FastSeries—Software tools for optical character verification, alignment, bar code reading and web inspection. Applications include inspection of pharmaceutical bottle labels, currency denomination recognition and semiconductor identification/inspection.

Python/C6—A multiDSP processor/accelerator, single-slot PCI card. Features 6,400 MIPS, 100/200 MB/sec. On-board interface to PMC and IP modules allow access to more than 100 I/O functions. Coreco's 200 MB/sec auxiliary bus (CAB) interfaces to custom-specific hardware.

Python/C6—CompactPCI—Delivers all the functionality of its PCI counterpart but on a more robust platform. Optimized for real-time multiprocessing, it connects to a number of I/O peripherals including PMC modules.

The Mamba—The first embedded vision processor based on the Pentium II offers fast program execution, MMX acceleration and software compatibility with a dedicated 200MB/sec bus that facilitates data transfers.

Viper-Camlink—A high performance frame grabber that meets the newly defined industry standard Camera Link specifications. Supports a wide range of digital area and line-scan multi-tap cameras and captures data rates up to 160 MB/s.

Viper-Quad—A monochrome frame grabber that performs simultaneous acquisition from four camera channels, asynchronously. Grabs at 40 MHz per channel

from virtually all progressive scan or interlaced cameras and includes a unique time stamp to identify frame events.

Viper-RGB—A powerful PC color/monochrome intelligent frame-grabber that performs high-fidelity 30-bit RGB digitization and supports virtually any area-scan or line-scan camera source.

CR Technology

125 B Columbia
Aliso Viejo, CA 92656
Ph. 949-448-0443 Fax 949-448-0445
www.critechnology.com

CRX series—Real time, high-resolution X-ray systems for PCBs and components including BGAs, bond wire and flip chip, providing yield improvement solutions for the printed circuit board assembly and advanced semiconductor-packaging industries.

Cuda Fiberoptics

6025 Chester Ave.
Jacksonville, FL 32217
Ph. 877-677-2832 Fax 904-733-4832
www.cuda.com

An ISO 9001-registered OEM of fiberoptics illumination. Our products include fiber optic light guides and cables, task light guides, ring lights, illuminators/light sources and glass clad rods.

CyberOptics

10220 S.W. Nimbus, Ste. K5
Portland, OR 97223
Ph. 503-495-2200 Fax 503-495-2201
www.imagenation.com

Imagenation—Frame grabbers from CyberOptics, include precision monochrome, color and digital frame grabbers for ISA and PCI buses. The new Imagenation PXR800 exhibits superior I/O control by providing deterministic synchronization of cameras, strobes, triggers and exposures, superior digitization precision and flexible memory allocation including a unique dual mode DMA. Imagenation products are used in a variety of applications in manufacturing automation, traffic control, security, medical/scientific and semiconductor markets. Imagenation VisionCell technology may be utilized in stand-alone integrated vision systems that perform image capture, processing and analysis, all on a single board.

Dave Jones Machinists

1815 N. Cedar St.
Mishawaka, IN 46545
Ph. 219-256-5500 Fax 219-256-5500
www.sight-pipe.com

SIGHT-PIPES—Similar to borescopes in use. Sight-pipes and Sight-Pipe Optical Systems are custom-designed and manufactured for the customer's application or can be ordered from a selection of modular components in the simpler applications.

Deltronic Corp.

3900 W. Segerstrom Ave.
Santa Ana, CA 92704
Ph. 800-451-6922 Fax 714-641-0946
www.deltronic.com

DEF-VID VMS-121-AMS—Automated

projector with mag-zoom from 75X to 455X, FOV video edge and auto-focus, 6 x 12 in. stage travel, 3-way programmable illumination.

DEL-VID DVC-110-LCD—Video projector, mag-zoom from 35X 12 in., Fiber-optic illumination with keypad control.
DEL-VID DVC-115 MPCC—video projector, granite base 2 x 12 x 15 in., 4 x 8 in. stage travel computerized digital read-out, fiber-optic illumination with keypad control.
DEL-OPTIC DH216-MPC—Pentium PC system with PC edge for 0.05-percent optical accuracy, corrected optical image and up to 6 x 18 in. stage travel. Full 16 in. display screen.

Design Technology Corp., a Newport Corp. Division

5 Suburban Park Drive
Billerica, MA 01821
Ph. 978-663-7000 Fax 978-663-6841
www.design-technology.com

Designers and builders of vision systems and special inspection machinery. Precision automated equipment for processing, assembly inspection and packaging including fiber optics and semiconductor products. Controls integration, including PLC, PC servos and all major vision platforms including Newport's metrology products.

Diagnostic Instruments

6540 Burroughs St.
Sterling Heights, MI 48314
Ph. 586-731-6000 Fax 586-731-6469
www.diaginc.com

Don Richetts Co. Inc.

828 E. Valley Blvd.
San Gabriel, CA 91778
Ph. 626-280-0470 Fax 626-280-5510
Optical comparators, video comparators and microscopes



Dorsey Metrology International

75 Oakley St.
Poughkeepsie, NY 12601
Ph. 845-454-3111 Fax 845-454-3888
www.dorseymetrology.com

Optical vertical and horizontal vision systems with travel up to 48 in. High-accuracy scale resolution with quick release mechanism on stages. Manual, motorized, CNC, standard and custom models available.

Dunkley International

1910 Lake St.
Kalamazoo, MI 49001
Ph. 800-666-1264 Fax 616-343-5614
www.dunkleyintl.com

Designs and manufactures turnkey, machine vision inspection systems. The systems can be stand-alone, application specific or integrated into your current manufacturing process. The company also offers its CYPROVISION line of standard, high-speed (up to 4,000 pieces per minute) 2-D sorters to remove mixed parts, foreign material and defective parts.

DVT

1670 Oakbrook Drive, Ste. 330
Norcross, GA 30093
Ph. 770-449-4960 Fax 770-449-3073
www.dvtsensors.com

Electronic Measuring Devices Inc.

199 Route 46 E.
Budd Lake, NJ 07828
Ph. 973-691-4755 Fax 973-691-4745
www.emdsceptre.com

Manufacturer of high-quality, ultra-high precision coordinate measuring machines, scanning probes and software. EMD Inc. also excels at upgrading existing CMMs to scanning capability.

EPIX Inc.

381 Lexington Drive
Buffalo Grove, IL 60089
Ph. 847-465-1818 Fax 847-465-1919
www.epixinc.com

EPIX Inc. is a manufacturer of PCI bus image processing hardware and software for automated inspection/sorting, quality control, measurement, document processing and scientific/medical imaging used to digitize, process and display images from standard and nonstandard cameras. Menu-driven image processing packages as well as "C" libraries are available for Windows 95/98/ME/NT/XP and DOS.

EVS Elbit Vision Systems Ltd.

New Industrial Park
P.O. Box 140
Yoqneam, Israel 20692
Ph. 972-4-9936400 Fax 972-4-9894733
www.evs.co.il

EVS develops, markets and supplies solutions, products and services worldwide for visual inspection of webs by computerized vision technology.

Flexbar Machine Corp.

250 Gibbs Road
Islandia, NY 11749
Ph. 800-879-7575 Fax 631-582-8487
www.flexbar.com

Opti-Flex Granite Z Video System—An affordable granite-based color video zoom system designed for shop floor applications with an easy upgrade path to add measurement software, image capture and e-mail and motors with CNC control to enhance future capabilities.

Opti-Zoom Turnkey Video System—Complete 2x4 color video system with high-resolution zoom optics for desktop measurement and inspection applications. System includes New Metronics QC200 geometric readout with part program capabilities for less than \$10,000.

Vision Gage Video Imaging and Measurement Software—Dramatically increase the capability of any camera-based system. Software provides electronic communication through the use of image capture, annotation, e-mail and archiving features. High accuracy measurements and image overlay capabilities are accomplished quickly and easily. Integrates with any Pentium-based PC.

Ford Tool & Gage Corp.

5401 N. 118 Court
Milwaukee, WI 53225
Ph. 414-466-4243 Fax 414-466-4270
www.fordtoolandgage.com

Supplies inspection and metrology equipment to industry. We can design and build in-process and post-process systems from simple plug gages to fully automatic robotic inspection systems.

Futec International Corp.

212 N. Center Drive
North Brunswick, NJ 08902
Ph. 732-821-4555 Fax 732-821-6655
www.futec1.com

Futec produces automatic defect detection systems. These line-scan camera-based systems inspect webs, sheets or blanks and can handle either printed or unprinted materials. Optical defects such as gels, carbons, streaks and printing defects can be detected. Outputs for controlling downstream rejects or marking devices are standard.

Gage-Line Technology Inc.

121 La Grange Ave.
Rochester, NY 14613
Ph. 800-291-3724 Fax 585-458-0524
www.gage-line.com

Manufacturer of NIST-traceable optical gaging and calibration products. Products and services include calibration scales and grids, contour tracers, custom gaging, sight gages, inspection devices, calibration kits, comparator charts, gages, reticles, target arrays, stage micrometers, Brinell scopes, in-process gaging and alignment fixtures.

Genesys Instruments Inc.

P.O. Box 386
East Longmeadow, MA 01028
Ph. 800-839-9038 Fax 413-526-0809
www.genesysinstruments.com

Designs and manufactures borescopes and endoscopes for the industrial and health care markets. Offers an extensive line of standard industrial borescopes.

**GKS Inspection Services/
CEJohansson**

37100 Plymouth Road
Livonia, MI 48150
Ph. 800-346-3898 Fax 734-953-9635
www.cejmetrology.com

The world's most comprehensive supplier of metrology products and services. CEJohansson draws on its history of innovative metrology solutions to help customers remain competitive. Whether you require vision measurement, contact measurement or metrology services for new products, processes or services, or to improve existing ones, CEJohansson helps you work with what you've got to create your future. A pioneer in production integrated processing, CEJohansson provides state-of-the-art technology, continued training, 24-hour measurement support, parts programming and more. And, whether you

require the assurance of working with the industry's top A2LA-accredited laboratory or you need to outsource with confidence, our metrology laboratory gets the job done fast.

Heuft USA Inc.

5157 Thatcher Road
Downers Grove, IL 60515
Ph. 630-968-9011 Fax 630-968-8767
www.heuft.com

Heuft USA offers a variety of inspection equipment for today's packaging, food and beverage industries. Our offerings include fill level inspection, filler valve monitoring, closure detection, sampling systems, residual air detection (O2), full case inspection, empty case inspection, empty bottle inspection, bottle sorting, vacuum/pressure check, residual liquid detection, lane dividing, labeling machines, redetection systems, vision systems and bottle burst in filler detection.

Hymarc Ltd.

35 Antares Drive
Ottawa, On K2E 8B1 Canada
Ph. 613-727-1584 Fax 613-727-0441
www.hymarc.com

Manufacturer of the Hyscan 45C laser digitizer. Unit attaches to coordinate measuring machines and provides noncontact digitizing at 10,000 points per second.

i2S The Line Scan Co.

P.O. Box 9028
Niskayuna, NY 12309
Ph. 888-842-7872 Fax 518-346-4134
www.i2s-linescan.com

Line scan boards and software for Web inspection.

Imagenation Corp.

10220 S.W. Nimbus, Ste. K5
Portland, OR 97223
Ph. 503-495-2200 Fax 503-495-2201
www.imagenation.com

Designs and manufactures image-capture and vision solutions for semiconductor and industrial automation applications. Imagenation's product line includes monochrome, color and digital frame grabbers for ISA and PCI buses and embedded form factors—PC/104, PC/104-Plus and CompactPCI—for Imagenation's analog products.

Industrial Vision Source

1301 Waters Ridge Drive
Lewisville, TX 75057
Ph. 800-627-6734 Fax 972-353-6677
www.i-v-s.com

Distributes CCD cameras, monitors, lenses, lighting products, standard and custom cables, and video printers.

Infinity Photo-Optical Co.

2530 Frontier Ave.
Boulder, CO 80301
Ph. 303-440-4544 Fax 303-440-4144
www.infinity-usa.com

Manufactures long-distance microscopes, continuously focusable microscopes, macro systems, video inspection lenses and internal-focusing devices for indus-

trial inspection, process/product monitoring, machine vision, QC, advanced imaging, noncontact gaging/inspection, laser/biomedical research and more.

Instrument Technology Inc.

33 Airport Road, Box 381
Westfield, MA 01086
Ph. 413-562-3606 Fax 413-568-9809
www.scopes.com

Offers more than 2,000 standard products, including borescopes, fiberscopes, video-scopes and other custom remote viewing instruments. Custom scopes a specialty.

Integral Vision

38700 Grand River Ave.
Farmington Hills, MI 48335
Ph. 248-471-2660 Fax 248-615-2971
www.iv-usa.com

SharpEye Inspection Station—For small flat panel micro display technologies such as OLED, PLED, LCOS and MEM. The SharpEye system can accommodate all display formats from QVGA to HDTV, QXGA. Systems to inspect unpowdered die, final assembly and for lab analysis.

Intra Corp.

885 Manufacturers Drive
Westland, MI 48186
Ph. 734-326-7030 Fax 734-326-1410
www.intra-corp.net

Supplies laser-based alignment systems, precision masters, and custom designed gaging systems using noncontact and vision systems.

Ircon Inc.

7300 N. Natchez Ave.
Niles, IL 60714
Ph. 800-323-7660 Fax 847-647-0948
www.ircon.com

Ircon offers a wide selection of online, noncontact infrared thermometers, including highly reliable two-color thermometers, portable thermometers, line scanners, thermal imaging systems, calibration systems and accessories.

JMAR Precision Systems Inc.

9207 Eton Ave.
Chatsworth, CA 91311
Ph. 800-793-0179 Fax 818-700-8984
www.jmar-psi.com

Engineering and manufacture of standard and custom submicron positioning components and systems, including laser processing stations, test equipment for the microelectronics industry, inspection equipment and noncontact 3-D measurement.

KAPPA Opto-Electronics Inc.

911 S. Primrose Ave., Ste. P
Monrovia, CA 91016
Ph. 626-256-4343 Fax 626-256-6484
www.kappa-vision.com

High-precision video and digital cameras and software for inspection and measuring tasks in production and manufacturing.

Labtek

91 Lost Lake Lane
Campbell, CA 95008

Ph. 408-395-1401 Fax 408-871-7800
www.labtek.net

Supplier of new and reconditioned microscopes and accessories, video imaging systems, measuring microscopes, custom stages, fiber optic and fluorescent illuminators, video monitors, video printers and supplies, CCD and digital cameras and dial and digital gages.

LASOR/Systronics Inc.

4357 Park Drive, Ste. J
Norcross, GA 30093
Ph. 800-581-7776 Fax 770-449-0399
www.lasorsystronics.com

LASOR/Systronics manufactures camera and laser based inspection and thickness measurement systems.

Leica Geosystems AG

4855 Peachtree Industrial Blvd., Ste. 235
Norcross, GA 30092
Ph. 800-367-9453 Fax 770-734-1394
www.leica-geosystems.com

The Industrial Measurement Division of Leica Geosystems is the leading market provider of portable CMMs. Leica Geosystems enables its customers to measure large components accurately to tolerances in the hundredth-millimeter range and process the data directly in their CAD systems. Leica Geosystems product range includes laser trackers, laser scanners, tracking total stations, theodolites, camera systems, industrial measurement software and global services and support.

Lenox Instrument Co. Inc.

265 Andrews Road
Trevose, PA 19053
Ph. 800-356-1104 Fax 215-322-6126
www.lenoxinst.com

Lenox offers the broadest line of borescopes flexible, micro, scan prism, sectional, rigid, video probes and auto-scopes are among some of our products. The latest is the Universal Inspector. All products are video-capable.

LMI Automotive

2835 Kew Drive
Windsor, ON N8T 3B7 Canada
Ph. 519-945-6373 Fax 519-945-1467
www.lmint.com

Vision systems for measurement of dimensions and surface quality.

**Logical Vision,
a Division of Coreco**

4299 Canada Way, No. 265
Burnaby, BC V5G 1H3 Canada
Ph. 604-435-2587 Fax 604-435-8840
www.logicalvision.com

**Mahr Federal Inc.**

1144 Eddy St.
Providence, RI 02905
Ph. 800-333-4243 Fax 401-784-3246
www.mahr-federal.com

Compact 400—Compact, value priced, air bearing, multisensor CMM integrates

three measuring sensors (optical, laser and touch probe) and NT software to provide 3-D assessment of all kinds of parts and applications.

MPC 502/802/1202—Stationary bridge, air bearing, multisensor CMM with independent Z-axis integrates three measuring sensors (optical, laser and touch probe) and NT software to provide 3-D assessment of all kinds of parts and highest accuracy applications.

Multiscope 250/400—Compact, mechanical bearing, multisensor CMM integrates three measuring sensors (optical, laser and touch probe) and NT software to provide 3-D assessment of all kinds of parts and applications.

OMS 400/600/1000/1400—Stationary bridge, air bearing, multisensor CMM integrates three measuring sensors (optical, laser and touch probe) and NT software to provide 3-D assessment of all kinds of parts and applications.

Master Gage & Tool Co.

112 Maplewood St.
Danville, VA 24540
Ph. 800-873-1148 Fax 804-835-0008
www.mastergt.com

An ISO 9002-registered distributor of dimensional measurement products as well as a provider of full metrology services. Our Metrology Services Group includes mechanical calibration and certification, contract inspection services with CMM and noncontact video measurement systems, and part programming services and is ISO/IEC 17025-accredited.

Max Levy Autograph Inc.

220 W. Roberts Ave.
Philadelphia, PA 19144
Ph. 800-798-3675 Fax 215-842-3637
www.maxlevy.com

Specializing in precision patterning components, circuitry and metrology standards. Large calibration grid plates can be incorporated into lighted inspection boxes. NIST-traceable certifications. MicroRules for direct measures to 0.001 in./0.025 mm. Design development supported. Other products include small patterned optics, such as reticles, encoders, targets and masks.

Measure-All Inc.

447 Nilles Road
Fairfield, OH 45014
Ph. 800-758-2376 Fax 513-829-1105
www.measure-all.com

Measure-All provides gaging and measuring solutions in all types of industry and represents most of the major gage manufacturers. Measure-All supplies standard or special gaging equipment that solves most measurement needs.

Measurement Center Corp.

1081-F N. Shepard St.
Anaheim, CA 92806
Ph. 714-632-8511 Fax 714-632-3628
Specialists in noncontact measuring systems, including optical, video, laser and capacitance, in standard and special turnkey systems. Specializing in data-collection and analysis systems.

MetricVision

Gateway 95, 8500 Cinder Bed Road
Newington, VA 22122
Ph. 703-550-2945 Fax 703-550-2949
www.metricvision.com

Coherent Laser Radar—The automation tool for noncontact, precision 3-D measurement in labs and factories and design departments. It's fast, portable, easy-to-use and accurate. Align large parts, certify tooling, monitor repeatability, scan complex geometry, compare parts to CAD and reverse engineer. The system can run unattended to speed manufacturing, improve quality and lower costs.

Micro-Metric Inc.

1050 Commercial St., No. 102
San Jose, CA 95112
Ph. 800-490-3333 Fax 408-452-8412
www.micro-metric.com

Micro-Metric provides high-accuracy, noncontact dimensional-measuring and -positioning systems, specializing in multi-axis coordinate measuring microscopes, air-bearing positioning systems and critical dimension measuring systems.

Micro-Technic Instruments Inc.

319 Queen Anne Road
Teaneck, NJ 07666
Ph. 800-692-8252 Fax 201-692-7941
Specializing in optical inspection instruments for industry. Featuring machine vision systems for automatic inspection and process control of production equipment. Special capabilities in analog and digital video for inspection and material analysis, including metallography.

Micro-Vu Corp.

7909 Conde Lane
Windsor, CA 95492
Ph. 707-838-6272 Fax 707-838-3985
www.microvu.com

Excel—An accurate large stage noncontact measuring system. It incorporates state-of-the-art electronics, lighting, and mechanics to provide a simple to use yet powerful measuring system.

Vertex—An accurate small stage noncontact measuring system. It incorporates state-of-the-art electronics, lighting, and mechanics to provide a simple to use yet powerful measuring system.

Quantum—A high-speed, high-accuracy noncontact measuring system. The combination of linear motors and air bearing provide a high performance machine with high reliability.

Matrix—A large stage measuring system available in both manual and automated versions. This low-cost, high-performing machine is perfect for low to medium accuracy requirements.

Vector—The Vector is a small stage measuring system available in both manual and automated versions. This low-cost, high-performing machine is perfect for low to medium accuracy requirements.

Spectra—An optical comparator with extra large stage capacity standard and a low price.

InSpec for Windows—A powerful metrology software package. It is simple enough

to use as a quick check and powerful enough for the most complex applications. Available for both manual and automated systems.

MicroBrightField Inc.

185 Allen Brook Lane
Williston, VT 05495
Ph. 802-288-9290 Fax 802-288-9002
www.microbrightfield.com

Computer microscopy systems and software that enable users to capture the image of a specimen on a glass slide and display the image on the Internet or intranets. The network viewer allows the user to zoom and pan the image at any magnification, giving networks the functions of a virtual microscope. Sharing of microscopic images from remote locations and powerful archiving capabilities are provided by our product, Virtual Slice.

Micron Automation Inc.

4921 W. Cypress St.
Tampa, FL 33607
Ph. 813-637-8810 Fax 813-637-8819
www.micronautomation.com

Specializing in value-added electronic inspection equipment for the pharmaceutical industry. We are the exclusive North American representative for Scanware Electronic Quality Assurance Vision Systems, offering sales, installation, integration and factory service, parts and repair. We also manufacture the Micron Automation Pore Detection Unit, PD2Z-SR, which is capable of detecting very minute cracks, tears, pinholes and pores in any formed foil or foil laminate materials.

MicroTest Laboratories Inc.

104 Gold St.
Agawam, MA 01001
Ph. 413-789-1680 Fax 413-789-4334
www.microtestlabs.com

Our experts have significant experience in the medical device, pharmaceutical, chemical, automotive, and aerospace industries. Whether your company is striving for ISO 9001, AS9000 or QS-9000 certification, our RAB-certified lead auditors can guide you through the process.

Millennia 3 Inc.

2661 Clearview Road
Allison Park, PA 15101
Ph. 412-492-0200 Fax 412-492-0202

Minolta Corp.

101 Williams Drive
Ramsey, NJ 07446
Ph. 888-473-2656 Fax 201-529-6070
www.minoltausa.com

Manufactures and markets a complete line of color measurement equipment and software. We feature a full line of benchtop and hand-held spectrophotometers as well as colorimeters. All products are ISO 9001-certified.



Mitutoyo America Corp.

965 Corporate Blvd.
Aurora, IL 60504

Ph. 630-820-9666 Fax 630-820-7403
www.mitutoyo.com

Quick Vision—A complete line of video-based, noncontact measuring equipment with unique features, configurations to suit customers applications and a wide range of capacities up to 60 in. x 60 in.

MSI Technical Sales

P.O. Box 9028
Schenectady, NY 12309
Ph. 518-346-7136 Fax 518-346-4134
Custom high-precision vision metrology for production and manufacturing.

Mycrona Inc.

14777 Keel St.
Plymouth, MI 48170
Ph. 734-453-5880 Fax 734-453-4076
www.mycrona.com

N.W. Calibration Inspection Inc.

3819 Superior Ridge Drive
Fort Wayne, IN 46808
Ph. 219-482-5473 Fax 219-482-9077
www.nwinspection.com

Full-service calibration, inspection and measuring facility. ISO 9002- and ISO Guide 25-certified. CMM dimensional inspection of parts, gages and fixtures for PAPPs and gage R&Rs. Calibration of gage blocks, thread gages, micrometers, calipers and more. CMM training and metrology consulting.

National Instruments

11500 N. Mopac Expressway
Austin, TX 78759
Ph. 800-433-3488 Fax 512-683-9300
www.ni.com

Navitar Inc.

200 Commerce Drive
Rochester, NY 14623
Ph. 800-828-6778 Fax 716-359-4999
www.navitar.com

Navitar designs and manufactures a complete line of high-quality optical inspection products. Our Zoom 6000 and TenX video microscope imaging systems are used in semiconductor manufacturing, noncontact measurement, industrial inspection and medical industries.

Nextec 3D Technologies LLC

1768 E. 25th St.
Cleveland, OH 44114
Ph. 216-391-7061 Fax 216-579-9225
www.nextec-3d.com

Master distributor in North America for the Nextec Hawk family of noncontact 3-D laser scanning and digitizing systems. Working envelopes from 240 mm to 1.4 m and larger. 10 micron accuracy at 2,400 pt/minute. Scan any color or surface finish without painting or spraying. No programming required. Easy to use. Automatic contour following. Real-time data display. Software for inspection and reverse engineering solutions also available.

Nikon

Nikon Instruments Inc.

1300 Walt Whitman Road
Melville, NY 11747
Ph. 800-526-4566 Fax 631-547-8559
www.nikonusa.com

Manufacturer and distributor of optical inspection equipment. Products include stereo microscopes, autocollimators, optical comparators, toolmakers' microscopes and automated video-inspection systems.

Northern Digital Inc.

103 Randall Drive
Waterloo, ON N2V 1C5 Canada
Ph. 519-884-5142 Fax 519-884-5184
www.ndigital.com

The Optotrak and Polaris 3-D—Motion measurement systems provide unparalleled performance in a variety of applications, such as animation, human motion research, robotics, digitizing for inspection and reverse engineering, aeronautics and a variety of medical-device tracking applications.

Omron Electronics LLC

1 E. Commerce Drive
Schaumburg, IL 60173
Ph. 800-556-6766 Fax 847-843-8087
www.omron.com/eoi

150-3 Machine Vision Sensor—Has dual camera capability that allows users to perform two camera inspections/measurements simultaneously. Its two camera capability offers much of the capability of more expensive PC-based vision solutions.

F10 Machine Vision Sensor—Has gray scale pattern matching and features new functionality including RS232/422 communication for easy remote control and an amplifier with eight bank memory.

F160 Machine Vision Sensor—The newest addition to Omron's machine vision sensor line of products. It is a system that combines dual cameras and high-speed processing to deliver four times the capture speed of existing competitive systems and from two to ten times faster image processing speed.

Operations Technology Inc.

(OPTEK)
P.O. Box 408
Blairstown, NJ 07825
Ph. 800-606-7835 Fax 908-362-5966
www.optek.net

Manufacturer of OPTEK VideoMic non-contact video coordinate measuring systems and OPTEK InnerVision X-ray coordinate measuring systems. Measurement transport capacities range from 18 x 12 in. (460 x 300 mm) to 50 x 36 in. (1,270 x 915 mm) in both video and X-ray configurations.

Opti-Tech Scientific Inc.

421 Nugget Ave., Unit No. 4
Scarborough, ON M1S 4L8 Canada
Ph. 416-321-9987 Fax 416-321-8712
www.opti-tech.ca

A leading supplier of microscopes, both optical and video, for inspection and measurement. Opti-Tech carries complete ranges

of microscopes by major manufacturers such as Leica and Mitutoyo, products by Hitachi and Schott/Fostec, and imaging and measurement software by VisionX.



Optical Gaging Products Inc.

850 Hudson Ave.
Rochester, NY 14621
Ph. 800-647-4243 Fax 585-544-0131
www.ogpnet.com

Avant Apex—Ultra-high-accuracy non-contact coordinate measuring system featuring sub-micron resolution scales, high-accuracy fixed objectives, granite base and column, high-resolution black-and-white camera and MeasureMind Plus metrology software.

Avant AT5—Video measuring system for measurement of large parts includes long travel stages, multi-sensor options, operator work station and MeasureMind plus metrology software.

Avant ZIP—High-speed floor model non-contact video measuring system designed for measuring a large volume of parts at one time. Includes Measuremind Plus metrology software.

SmartScope Flare—Versatile measurement machines offer multi-sensor technology for non-contact coordinate measurement. Advanced image processing of video and laser data with Measure-X metrology software.

SmartScope Flash—Metrology systems feature four intelligent illumination sources, AccuCentric 12X zoom lens and OPG's exclusive 32-bit *Measure-X metrology software*—Multi-sensor capability with plug-and-play touch-probe option.

SmartScope Quest—Coordinate measurement system designed from the ground up for video, touch probe and laser sensors. Quest's unique TeleStar optical system offers zero distortion and high resolution. Standard MeasureMind 3D provides 3D analysis of all sensor data.

Origin Technologies Corp.

9238 Madison Blvd., Building 1, Ste. 800
Madison, AL 35758
Ph. 256-461-1313 Fax 256-461-1390
www.origintech.com

Origin Technologies manufactures a handheld, laser-based dimensional measurement system capable of identifying and analyzing surface features. Automatic measurements of gap, flush, step, angle, radius, pitting, wear, corrosion, fasteners and weld profiles are enabled through flexible software. Profiles and extracted values can be saved, retrieved and downloaded to a PC.

Perceptron Inc.

47827 Halyard Drive
Plymouth, MI 48170
Ph. 800-333-7753 Fax 734-414-4700
www.perceptron.com

AutoFit—Automatic, noncontact, in-line process management system for measurement of gap and flushness of automotive closure panels. Measures unpainted

vehicles in the body shop or painted vehicles in final assembly, moving line or stationary. Stores measurement data from 100 percent of production, providing easy remote access to process analysis reports using a standard Web browser.

AutoGage—Automatic, noncontact, in-line, laser-based, measurement system for dimensional process control in high-volume manufacturing environments. Measures and stores critical dimensional data from 100 percent of production, providing easy remote access to process analysis reports using standard Web browser.

AutoGuide—Machine vision-based robot guidance system for manufacturing facilities. Noncontact measurement of critical features to provide precision guidance to robots for glass decking, closure panel mounting, roof loading, sealer applications and other operations.

AutoSpect—Automatic, noncontact, in-line process management system for measuring the appearance of quality of painted surfaces. System measures Orange Peel, Distinctness of Image and Gloss and calculates overall appearance rating. Data from 100 percent of production are stored in database with easy remote access to process reports using standard Web browser.

Phoenix Imaging

19045 Farmington Road
Livonia, MI 48152
Ph. 248-476-4200 Fax 248-476-5705
www.phoeniximaging.com

We carry a complete line of accessories, including cables, cameras, fixtures and lenses. We also manufacture a complete line of more than 200 fluorescent, halogen and LED lighting products.

Photon Dynamics Inc.

125 Columbia
Aliso Viejo, CA 92656
Ph. 949-448-0443 Fax 949-448-0445
www.photondynamics.com

A leading supplier of integrated yield management solutions for the display, electronics, and glass markets. Our patented image acquisition and image processing technology, electro-optical design, and systems engineering expertise are currently used for test and repair of flat panel displays; inspection of cathode ray tube display and automotive glass; and inspection of advanced semiconductors, printed wiring assemblies, high-density interconnects and printed circuit board packaging solutions.

Photon Inc.

6860 Santa Teresa Blvd.
San Jose, CA 95119
Ph. 800-374-6866 Fax 408-226-1025
www.photon-inc.com

A leading supplier of laser and electro-optical instrument systems for measuring, testing and analyzing light sources and optical components used in telecommunications. Photon uses scanning slits, pinholes, CCD arrays, goniometric and knife-edge technologies. Photon products provide complete spectral response from UV to FIR, including telecommunication wavelengths for single and multimode fibers.

PPT VISION Inc.

12988 Valley View Road
Minneapolis, MN 55344
Ph. 952-996-9500 Fax 952-996-9501
www.pptvision.com
High-speed vision inspection for production and manufacturing.

Precision Measurement Co.

18 Terrace Road
Plymouth Meeting, PA 19462
Ph. 610-279-4242 Fax 610-279-5169
www.quikpage.com/P/premeas
Dimensional metrology application specialists, dedicated to satisfying your gaging needs.

Precision Tool Distributors Inc.

553 Weddell Drive
Sunnyvale, CA 94089
Ph. 888-747-1254 Fax 408-747-0886
www.pretool.com
Everything in inspection from calipers to CMMs. Services include a fully equipped contract inspection lab featuring Zeiss high-accuracy CMMs and video-based optical measurement systems.

Prior Scientific Inc.

80 Reservoir Park Drive
Rockland, MA 02370
Ph. 800-877-2234 Fax 781-878-8736
www.prior.com
Manufactures microscopes, programmable motorized stages, fiber optic microscopy inspection equipment and microscopy accessories for a variety of applications.

Quality Control Solutions Inc.

43339 Business Park Drive, No. 101
Temecula, CA 92590
Ph. 888-355-7274 Fax 909-676-8970
www.qc-solutions.com

Redlake MASD, Inc.

11633 Sorrento Valley Road
San Diego, CA 92121
Ph. 800-462-4307 Fax 858-792-3179
www.redlake.com
Manufacturer of the MotionXtra, MotionScope and MotionMeter high-speed digital cameras that enable you to see measure and understand motions too fast for the eye to see and the MegaPlus high-resolution camera line.

Retina Systems Inc.

146 Day St.
Seymour, CT 06483
Ph. 800-966-1311 Fax 203-881-1494
www.retinasystems.com
Manufactures laser and vision inspection systems for 100-percent sorting, gaging and process control for fastener, bearing, rivet, molding, medical, electronics and communications industries. We provide inline, online and standalone turnkey systems with our standard modules or custom designs.

Riegl USA

7041 Grand National Drive, Ste. 272
Orlando, FL 32819
Ph. 407-248-9927 Fax 408-248-2636
www.rieglusa.com

RVSI Acuity CiMatrix

5 Shawmut Road
Canton, MA 02021
Ph. 800-646-6664 Fax 781-828-8942
www.rvsi.com

VisionScape Express—A compact, stand-alone machine vision system designed to simplify vision on the factory floor. This latest member of the VisionScape series of products provides industries with a complete, affordable solution for the most demanding inspection, assembly verification, gauging and automatic identification problems. VisionScape Express is a flexible, full-featured product that offers more than 50 proven robust vision tools and a variety of hardware and software options. It supports two cameras in its standard configuration, and has the option to expand to four-camera capability on a single system. It capitalizes on the latest technology by interfacing with a wide variety of cameras and integrated imagers that combine camera, lens and lighting in a single package. This flexibility allows the use of miniature imagers in locations where access constraints are tightest. Vision applications in the general manufacturing, automotive, packaging, pharmaceutical, medical devices, electronic and semiconductor industries.

S-T Industries Inc.

301 Armstrong Blvd. N.
St. James, MN 56081
Ph. 800-326-2039 Fax 507-375-4503
www.stindustries.com

S-T is a manufacturer of high-precision measuring instruments and optical comparators and video-inspection systems under the brand name Scherr-Tumico. The company also provides custom-made measuring instruments.

Servo-Robot Inc.

635 Clairevue Blvd. W.
Saint-Bruno, PQ J3V 6B2 Canada
Ph. 450-653-7868 Fax 450-653-7869
www.servorobot.com

Servo-Robot Inc. manufactures 3-D laser-vision systems for guidance and control of robots in flexible gauging and welding automation. SRI's products are used for robotic arc and laser welding in such industries as automotive, heavy machinery, aerospace, shipbuilding and tanks and vessels. We provide an interface to articulated robots to perform 3-D joint tracking, quality control and adaptive control of process parameters.

Sight-Pipe Optical Systems

1815 N. Cedar St.
Mishawaka, IN 46545
Ph. 219-256-5500 Fax 219-256-5500
www.sight-pipe.com

Sight-Pipe optical products offer a practical, common-sense approach to viewing or measuring internal areas of products. The product line ranges from simple, one-piece, hand-held borescope-like units to machine vision and modular measuring stands, both of which can be used on the shop floor or in the QC lab.

Starrett**The L.S. Starrett Co.**

121 Crescent St.
Athol, MA 01331
Ph. 800-784-2887 Fax 978-249-8495
www.starrett.com
AV8687—Fully automatic system complete with color camera, motorized zoom lens, and powerful measurement and control software.

Starwin Industries

3387 Woodman Drive
Dayton, OH 45429
Ph. 937-293-8568 Fax 937-299-0698
www.starwin-ind.com
We serve the automotive, aerospace, appliance, electronic, glass and packaging industries with design and building of turnkey electronic shop floor gaging systems, relations gaging, CMM fixturing and assembly fixtures with error proofing. ISO 9001-, QS-9000- and AS9000-certified.

Stenning Instruments Inc.

604 Via Del Cerro
Camarillo, CA 93010
Ph. 805-484-4996 Fax 805-484-5337
Manufacturers of weld-monitoring camera systems for viewing welding operations from remote locations, providing push-button, motorized control over all lens functions and filter density. Miniature pan and tilt heads. Liquid lightguides for transmission of UV, visible and near-infrared light.

Sunnex Inc.

3 Huron Drive
Natick, MA 01760
Ph. 508-651-0009 Fax: 508-651-0099
www.sunnex.com

Techniquip

191 Wright Brothers Ave.
Livermore, CA 94550
Ph. 888-414-0789 Fax 925-447-2201
www.techniquip.com

Complete line of fiber optic and fluorescent illuminators, cross-hair generators, digital video calipers, light guides, annular light rings and video inspection system software.

Trumeter Co. Inc.

1020 N.W. Sixth St.
Deerfield Beach, FL 33442
Ph. 800-537-2261 Fax 954-725-5599
www.trumeter.com

Manufactures length-measuring systems and equipment for the textile, carpet, automotive, paper, wire and cable, rope and cordage industries. Trumeter also manufactures distance measuring wheels, levels, tapes and laser devices.

VideoGage Inc.

8960 Glenoaks Blvd.
Sun Valley, CA 91352
Ph. 800-226-6522 Fax 800-411-8949
www.videogageinc.com
VideoGage—Uniquely designed for operator convenience and increased productivity. A horizontal optics format allows for

quick setup and measurement of parts up to 150 lb. VideoGage offers the power of image processing for quick throughput and reliability. Manual and DCC versions available. Patent pending.

View Engineering Inc.

1650 N. Voyager Ave.
Simi Valley, CA 93063
Ph. 805-578-5000 Fax 805-578-5249
www.vieweng.com
RFID systems developers with unique functional attributes such as passive technology, anti-collision, long range and read/write. This combination of functionality renders this technology most suitable for the logistics management/materials handling environment.

Vision Components

478 Putnam Ave., Ste. 2
Cambridge, MA 02139
Ph. 617-492-1252 Fax 617-492-1252
www.vision-components.de
The VC Series of industrial "smart" cameras are complete machine vision systems that include up to 8 MB of RAM, 2 MB of Flash EPROM and a powerful DSP. The cameras feature optically isolated I/O (four 12–24V inputs and four 150 mA outputs). Color, progressive-scan and megapixel models are available.

Vision Engineering Inc.

570 Danbury Road
New Milford, CT 06776
Ph. 800-644-7264 Fax 860-355-0712
www.visioneng.com
Highly accurate and repeatable noncontact measurement Also a variety of stereo microscopes with a large viewing area.

Vision Intelligence Products Inc.

80 Broadway
Cresskill, NJ 07626
Ph. 800-522-3842 Fax 201-567-7470
These are dedicated machine-vision systems with part-family flexibility. These microprocessor-based systems are multi-camera capable. Signals for activation of devices and signals are provided. Systems are SPC-capable and have RS-232 output. Complete systems include fixturing and parts feeder capability. Motion control, lighting, cameras lenses and image processing are all provided.

Vision Systems International

74 Sutphin Pines
Yardley, PA 19067
Ph. 215-736-0994 Fax 215-295-4718
www.vision1.com/VSI
An independent consultancy specializing in the fields of machine vision, imaging, electro-optics, intelligent sensors and non-destructive evaluation technologies. Our services include application engineering as well as marketing and new business development.

Volpi Manufacturing USA

5 Commerce Way
Auburn, NY 13021
Ph. 800-688-6574 Fax 315-255-1202
www.volpiusa.com

Optical inspection instruments and illumination products include borescopes, fiberscopes, video microprobes, light sources, fiber-optic illumination and LED illumination.

Werth America Inc.

40 Centre Drive
Orchard Park, NY 14127
Ph. 877-937-8426 Fax 716-667-2725
www.werthamerica.com
Inspector FQ—A 2-D/3-D CNC high-speed video/multisensor CMM. Range: X = 400–3,500 mm, Y = 400–1,750 mm, Z = 200–600 mm. Accuracies to E2 = 1.5 + L/500 µm. Cooled linear motor drives up to ten moves and measurements/sec. Supports all Renishaw, dual cameras.
Inspector V—A 3-D CNC vertical format video/multi sensor CMM. Range: X = 400–800 mm., Y = 300 mm, Z=150 mm., Accuracy to E2 = 3.75 + L/200µm. Supports all Renishaw systems, 4–5 axis, Werth Fiber Probe. Ideal for milling cutters/hobs, cam/crankshaft and general shaft applications.
Scope-Check—A 2-D/3-D CNC video/multisensor CMM. Range: X = 200–400 mm, Y = 150 mm, Z = 150 mm. Accuracy: E1 = E2 = 3.75 + L/100 µm. Winwerth measurement software. Options: all Renishaw touch probes.
Video-Check—A 2-D/3-D CNC video/multisensor CMM. Range: X = 250–3,500 mm, Y = 125–1,750 mm, Z = 200–600 mm. Accuracies to E2 = 0.9 + L/500 µm. Resolutions to 10 nanometers. Options: dual camera, all Renishaw systems, 4–5 axis, Werth Fiber Probe.

Wolf Medical Instruments Corp. Richard, Industrial Div.

353 Corp. Woods Parkway
Vernon Hills, IL 60061
Ph. 800-323-9653 Fax 847-913-1488
Manufactures a complete line of rigid borescopes and accessories needed to inspect internal structures and surfaces.

Xiris Automation Inc.

1016 Sutton Drive, Unit C5
Burlington, ON L7L 6B8 Canada
Ph. 905-331-6660 Fax 905-331-6661
www.xiris.com
Xiris Automation builds machine-vision systems to monitor production quality. We have two divisions: OEM specific solutions tailored to the needs of a particular machine builder and standard inspection products for the optical media industry. Our product line for the optical media industry includes inspection equipment to perform ident code verification and print quality inspection for compact discs and DVDs.

qd

Web-based Six Sigma Project Tracking!

SYSTEM
REQUIREMENTS

Web
Browser



The Ultimate Six Sigma Project Tracking Tool

THROUGH MANAGEMENT GROUP

six sigma
ProjX



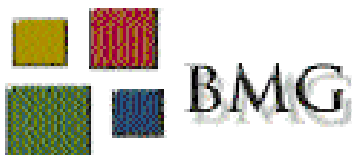
BMG

With 100's or 1,000's of
Six Sigma Projects to manage,
are you having trouble seeing
the forest for the trees?

Six Sigma ProjX™
is the most comprehensive
project management solution.

As well as the easiest to use.

Internet and Intranet ready.



Call 1-800-46-SIGMA or
visit www.SixSigmaProjX.com

Buffalo Denver Mexico Scottsdale Singapore Thailand Turkey
1-800-46-SIGMA www.BMGi.com