



# 2009 Buyers Guide

in print and online

Listing Deadline: January 5, 2009

Listing Form

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### All You Need to Do Is:

- Complete the Contact and Company Information Below.
- Select only those applicable categories from the Category Selection forms.
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- **Fax your completed listing forms to 913.967.7207.**
- Questions about your basic listing? Call Shalan Mill at 913.967.1689 or e-mail [shalan.mill@penton.com](mailto:shalan.mill@penton.com).

### Company Information (for publication)

Company/Division \_\_\_\_\_

E-Mail \_\_\_\_\_

Web Site URL \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Phone \_\_\_\_\_ Toll Free Phone (if different) \_\_\_\_\_ Fax \_\_\_\_\_

Sales Contact Name \_\_\_\_\_

### Contact Information (NOT for publication)

Company/Division \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State/Province \_\_\_\_\_ Zip/Postal Code \_\_\_\_\_ Country \_\_\_\_\_

Your Phone \_\_\_\_\_ Your Fax\* \_\_\_\_\_

Your Name \_\_\_\_\_ Title \_\_\_\_\_

Your E-Mail\*\* \_\_\_\_\_

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Select up to ten (10) categories from the following like that best describe your products and services. Advertisers may select UNLIMITED categories at no extra cost.

## ADHESIVES

- Adhesive-Curing Systems (0717)**
- Adhesive Dispensers (0121)**
- Adhesive Materials**
  - Films (0123)
  - Liners (0110)
  - Pressure-Sensitive Components (0113)
  - Tapes (0115)
  - Transdermal Components (0116)
- Adhesives**
  - Acrylic (0101)
  - Anaerobic (0102)
  - Class VI-Compliant (0103)
  - Conductive (0104)
  - Cyanoacrylate (0105)
  - Epoxy (0106)
  - Heat-Activated (0107)
  - Hot-Melt (0108)
  - Hydrocolloid/Hydrogel (0109)
  - Methacrylate (0122)
  - Moisture-Cure (0111)
  - Polyester (0112)
  - Silicone (0114)
  - Urethane (0117)
  - UV or Light-Cure (0118)

## BUSINESS SERVICES

- Compliance Services**
  - 21 CFR Part 11 Compliance (2113)
  - Class 10,000 Cleanroom Capabilities (0262)
  - Clinical Services (1301)
  - FDA Compliance (1318)
  - FDA Registered (0264)
  - FDA Submissions (1303)
  - GMP-Validation & Compliance Services (1319)
  - Government Liaison (1320)
  - Laboratory Research (1304)
  - Product Safety Compliance (1326)
- Environmental Services**
  - Cleanroom Services (0421)
  - Design & Construction Services (0407)
  - Testing/Certification/Training Services (0416)
- Management Services**
  - Business & Industry Recruitment (1313)
  - Business Planning (1314)
  - Expansion & Relocation Services (1317)
  - Marketing/Distribution (1322)
  - Patents/Trademarks (1325)
  - Software Integration (1329)
  - Strategic Planning (1330)
- Manufacturing Capabilities (1306)**
- Quality Control & Certification**
  - Advanced Quality Planning (1312)
  - ISO 9000 Certified (0265)
  - Process Validation/QC (1307)
  - Quality Services (1327)
  - Quality-System Certification (1328)

## CONTRACT MANUFACTURING

- Assembly Services**
  - Assembly (0201)
  - Cleanroom Assembly (0234)
  - Contract Assemblers (0328)
  - Custom Assembly (0269)
  - PCB Assembly (0290)
- Casting & Molding Services**
  - Casting (0203)
  - Injection Molding (0284)
  - Metal-Injection Molding (0212)
  - Molding (0214)
  - Molding/Rubber (0235)
  - Molding/Silicon (0240)
  - Molding, Thermoplastic Elastomers (0245)
  - Mold Making (0213)
- Design Services**
  - Conceptual Design & Visualization (1315)
  - Consulting/Design (1029)
  - Electro-Optical Design Services (1316)
  - Facility Design (1302)
  - Human Interface Design (1321)
  - Optical Design Services (1323)
  - Opto-Mechanical Design Services (1324)
  - Product Design (1308)
  - Prototyping (1310)
  - Rapid Prototyping (0217)
  - System Integration (0347)
  - Technology Development (0348)
- Electromedical Contract Manufacturer (0263)**
- Forming & Finishing Services**
  - Coiling (0236)
  - Deburring (0270)
  - Device Coating (0272)
  - Electropolishing (0281)
  - Grinding (0283)
  - Machining/Finishing (Ceramics) (0211)
  - Machining/Finishing (Metals) (0209)
  - Machining/Finishing (Plastics) (0210)
  - Photochemical Machining (0215)
  - Pressure/Thermoforming (0292)
  - Sheet-Metal Fabrication (0219)
  - Surface Modification (0346)
  - Stamping (0220)
  - Wire Forming (0222)
- Full Service (0282)**
- Joining & Sealing Services**
  - Brazing/Heat-Treating (0202)
  - Laminating Services (0286)
  - RF Welding (0296)
  - Sealing (0297)
  - Welding/Sealing (0221)
- Machining Services**
  - Electrical Discharge Machining (EDM) (0205)
  - Extrusion Laser Machining (0206)
  - Laser Machining (0287)
  - Precision Machining (0291)
  - Small Hole Drilling (0299)

## Marking/Printing Services

- Bar Coding (0232)
- Labeling (0285)
- Laser Marking (0268)
- Printing (0293)
- Printing Contract Services (1119)
- Packaging Services**
  - Bagging/Pouching (0225)
  - Blister-Packaging (0226)
  - Box Build (0233)
  - Cartoning (0227)
  - Consulting/Design (0228)
  - Contract Packaging (1031)
  - Other (0229)
  - Thermoforming (0230)
- Specialty Services**
  - Converting (0260)
  - Converting/Die-Cutting (0204)
  - Die-Cutting (0280)
  - Electroforming (0330)
  - Lyophilization (0208)
- Sterilization Services See Sterilization Section**
- ELECTRONIC COMPONENTS**
- Controls Related**
  - Level Controls (0333)
  - Microcontrollers (0336)
  - Microprocessors (0337)
  - PCBs/Embedded Computer Boards (0319)
  - Portable Memory (0320)
  - Sensors (0322)
  - Signals/Alarms/Indicators (0323)
  - Thermal Control Devices (0339)
  - Timers & Controllers (0325)
- Electrical/Mechanical Components**
  - Actuators (0327)
  - Batteries (0301)
  - Battery Holders (3436)
  - Cable & Wires (0302)
  - Connectors (0304)
  - Cords & Plugs (0329)
  - Fuses/Surge Suppressors/Circuit Breakers (0314)
  - Heating Elements/Transfer Devices (0315)
  - Input Devices (0316)
  - Lamps (0317)
  - Mechanical Cable Assemblies (0334)
  - Membrane Switches (0349)
  - Power Supplies (0321)
  - Switches (0318)
  - Switches/Relays (0324)
  - Transformers/Converters/Power Conditioners (0326)
  - Wiring & Accessories (0345)
- Electronic Components**
  - Capacitors/Resistors/Diodes (0303)
  - Crystals/Oscillators/Piezoelectrics (0305)
  - Electrodes (0308)

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- Fiber Optics/Optoelectronics/Lasers (0312)
- Flexible Circuits (0313)
- Integrated Circuits (0332)
- Solid State Devices (0338)
- Transducers (0340)
- Transistors/SCR (0341)

#### Enclosure Related

- EMI/RFI Shielding (0309)
- Enclosures/Chassis/Cases (0310)
- Fans (0331)

#### Meters & Displays

- Displays (0307)
- Meters (0335)
- UV Measuring Equipment (0342)

### ENVIRONMENTAL CONTROLS

#### Air Handling & Treatment Equipment

- Air Filters (0401)
- Dust Collection (0423)
- Enclosure Cooling (0424)
- E&O Monitors (3443)
- Fans/Blowers (0425)
- Formaldehyde Detectors (3441)
- Humidity Control (0426)
- Laminar-Flow Hoods (0411)
- Noise Control (0427)
- Ozone Monitors (3440)
- Static Control Equipment (0415)
- Thermoelectric Modules (0429)
- Toxic Gas Monitors (3442)
- Vacuums (0431)

#### Analytical/Monitoring Equipment (0402)

#### Building Components

- Construction Materials (0404)
- Curtains/Dividers (0405)
- Flooring Systems/Mats (0406)
- Furniture (0409)

#### Cleaning Equipment & Supplies

- Cleaning Supplies (0403)
- Cleaning Systems (0418)
- Degreasing Solvents (0422)
- Ultrasonic Cleaners (0430)
- Wipes & Swabs (0417)

#### Cleanrooms & Components

- Cleanroom Ovens (0419)
- Cleanroom Paper (0420)
- Modular Cleanrooms (0413)
- Other Cleanroom Suppliers (0428)
- Softwall Cleanrooms (0414)

#### Clothing

- Garments/Apparel (0408)
- Gloves (0410)

### FILTERS & IV COMPONENTS

#### Filter Types

- Depth (0502)
- Hydrophilic (0503)
- Hydrophobic (0504)
- Membrane (0505)
- Microporous (0506)
- Non Woven (0507)

- Other Filters (0508)
- Screens (0509)

#### Filtration Materials

- Carbon (0511)
- Cellulosic (0512)
- Ceramic (0513)
- Glass (0514)
- Nylon (0515)
- Plastic (0516)
- PTFE (0517)
- PVDF (Kynar) (0518)

#### IV Components

- Angioplasty Balloons (0231)
- Cannulae/Needles/Trocars (0521)
- Check Valves (0522)
- Clamping Devices (0523)
- Connectors (0524)
- Drip Chambers (0525)
- Guidewires (0526)
- Infusion Sets (0527)
- Injection Sites (0528)
- Luers (0531)
- Sapphire Orifices (2109)
- Stopcocks (0529)
- Transfer Devices (0530)

#### IVD Components (0620)

### HARDWARE & ACCESSORIES

#### Components

- Casters (0604)
- Clamping Devices (0605)
- Fasteners (0607)
- Fittings (0619)
- Gaskets & Seals (0608)
- Handles & Knobs (0610)
- Hinges & Latches (0611)
- Inserts (0612)
- Inserts, Custom & Special (0741)
- Magnets/Magnetic Devices (0910)
- Nozzles (0621)
- Springs, Gas (0945)
- Pneumatic Components (0615)
- Springs (0622)

#### Equipment

- Carts & Workstations (0603)
- Device Mounting Systems (0617)

#### Tools

- Blades (0601)
- Custom Hand Tools (0616)
- Optics (0613)
- Pipettes (0614)

### MANUFACTURING PRODUCTION

#### Assembly Related Equipment

- Assembly Equipment (0718)
- Barfeeds (3437)
- Chip Conveyors (3438)
- Component-Assembly Equipment (0702)
- Dispensers/Fillers (0706)
- Sealers (0732)
- Stainless Steel Cable & Assemblies (0733)
- Work Support Systems (3439)

#### Cleaning Related

- Cleaning Systems & Chemicals (0701)
- Microfilter Assemblies (0725)

#### Material Processing Equipment

- Extrusion Equipment (0721)
- Metal-Fabricating Equipment (0709)
- Molding Systems (0727)
- Other Plastics-Forming Equipment (0728)
- Presses (0729)
- Process-Control Equipment (0711)
- Processing Equipment, Mixers (0856)
- Rapid Prototyping Equipment (0712)
- Tubing-Processing Equipment (0714)
- UV-Curing Systems (0715)
- Welders (0716)
- Welders, Ultrasonic (0735)
- Wire EDM (0736)

#### Material Remover Equipment

- Catheter Hole Drilling & Punching Equipment (0720)
- Deflashing/Deburring Equipment (0704)
- Grinding Machines (0722)
- Machining Centers (0723)
- Machining Equipment (0707)
- Milling Machines (0726)
- Molding Presses (0710)
- Turning Machines (2112)
- Screw Machines (0731)
- Strippers/Cutters (0734)

#### Production Tools

- Tools, Custom & Special (0743)
- Tools, Cutting, Custom & Special (0742)
- Tools, Production (0737)

#### Specialties

- Automation/Custom Equipment (0719)
- Converting Equipment (0703)

### MATERIALS

#### Compounds

- Extrusion (0851)
- Molding (0852)
- Separate (0825)
- TPE (0853)
- Urethane (0827)

#### Form Supplied

- Balls/Beads (0829)
- Bars/Rods (0828)
- Resin (0831)
- Sheet/Film (0832)
- Stock Shapes (0833)

#### Plastics & Elastomers

- ABS (0801)
- Acetals (0802)
- Acrylics (0803)
- Additives/Blends/Compounds (0804)
- Fluoroplastics (0809)
- Liquid Crystal Polymers (0834)
- Nylons (0811)
- PEEK/PEK (0812)
- PETG Copolyesters (0835)
- Polycarbonates (0813)
- Polyesters (0814)
- Polyetherimides (0816)
- Polyethylenes (0815)

- Polymers (0836)
- Polyolefins (0837)
- Polypropylenes (0817)
- Polystyrenes (0818)
- Polysulfones (0819)
- Polyurethanes (0838)
- PVC (0820)
- Silicones (0821)
- Tenite Cellulosics (0839)
- Thermoplastic Elastomers (0823)
- Urethanes (0824)

#### Other Materials

- Ceramics (0806)
- Colorants (0854)
- Composites (0807)
- Fibers (0855)
- Films (0842)
- Foam (0843)
- Glass (0844)
- Liners (0845)
- Metals & Alloys (0841)
- Precious Metals (0846)
- Rubber (0847)
- Synthetic Fabrics (0849)
- Textiles (0822)

#### MOTORS & MOTION CONTROL

##### Motion Control

- Actuators (0902)
- Air Cylinders (0903)
- Ball & Lead Screws (0913)
- Bearings (0904)
- Belts & Accessories (0905)
- Brakes & Clutches (0906)
- Couplings (0944)
- Drives (0907)
- Gears & Gearing (0946)
- Linear Motion Systems (0947)
- Rotary Dampers (0949)
- Slides (0951)

##### Motors

- AC Induction (0931)
- AC Synchronous (0932)
- AC Variable-Speed (0933)
- Brush DC (0934)
- Brushless DC (0935)
- Gear (0936)
- Generators (0954)
- Linear (0937)
- Motor Speed Controllers (0955)
- Motor Starters (0956)
- Permanent Magnet (0938)
- Pneumatic (0939)
- Servo, AC (0940)
- Servo, DC (0941)
- Stepping/Microstepping (0957)
- Stepping Motor Drives (0942)
- Torque (0943)
- Universal (0958)

##### Position Detection

- Encoders (0908)
- Positioning Stages & Tables (0948)
- Positioning Systems (0911)

- Transducers (0952)
- Transmitters (0953)

#### PACKAGING EQUIPMENT & SUPPLIES

##### Finished Packages

- Ampules (1001)
- Bottles/Jars/Vials (1004)
- Clamshells/Blisters (1007)
- Insulated Shippers (1011)
- Other Packages (1025)
- Pouches/Bags (1014)
- Trays (1017)

##### Labeling Packages

- Identification Products (1021)
- Marking Machines (0724)
- Marking Products (1022)
- Nameplates (1027)

##### Packaging Equipment

- Bagging (1002)
- Bar Coding (1018)
- Blister-Packaging (1003)
- Case & Cartons (1006)
- Filling (1019)
- Form-Fill-Seal (1009)
- Inserting (1010)
- Other Equipment (1024)
- Sealing (1016)
- Stamping (1023)

##### Supplies

- Caps & Closures (1026)
- Caps & Plugs (0602)
- Films/Foils (1008)
- Labels (1012)
- Lidding (1013)
- Other Supplies (1028)
- Rollstock (1015)

#### PRINTING & SURFACE TREATMENT

##### Bar Coding

- Equipment (1108)
- Supplies & Materials (1109)

##### Device Coating

- Equipment (1111)
- Supplies & Materials (1112)

##### Labeling

- Equipment (1114)
- Supplies & Materials (1115)

##### Laser Marking

- Equipment (1117)
- Supplies & Materials (1118)

##### Printing

- Equipment (1120)
- Supplies & Materials (1121)

##### Surface Modification

- Equipment (1123)
- Supplies & Materials (1124)

#### PUMPS & VALVES

##### Pumps

- Air (1234)

- Bearing (1235)
- Centrifugal (1202)
- Chemically Inert (1203)
- Compressor (1204)
- Diaphragm (1205)
- Gear (1206)
- Magnetic Drive (1207)
- Metering (1208)
- Oil-Less (1209)
- Other (1239)
- Peristaltic (1210)
- Piston (1236)
- Positive-Displacement (1211)
- Rotary (1237)
- Syringe (1212)
- Vacuum (1238)

##### Valves by Function

- Chemically Inert (1222)
- Compressor (1240)
- Control (1241)
- Dispense (1242)
- Flow (1224)
- Gas (1243)
- Isolation (1225)
- Other (1245)
- Pressure/Vacuum (1229)
- Safety (1244)

##### Valves by Type

- Ball (1220)
- Check (1221)
- Diaphragm (1223)
- Miniature (1226)
- Needle (1227)
- Pinch (1228)
- Proportional (1230)
- Servo (1232)
- Solenoid (1233)

#### SOFTWARE

##### Business & Inventory

- Enterprise Software (2105)
- ISO 9000 (2107)
- Strategic Planning Software (2111)

##### Compliance & Regulatory

- Compliance (2103)
- Compliance Management (2102)
- FDA Compliance (2106)
- Quality Management (2108)
- Regulatory (0713)
- Validation (2114)

##### Design & Manufacturing

- CAD (2101)
- Design (0705)
- Design/Manufacturing (2104)
- Manufacturing (0708)

##### Other Software (1311)

#### STERILIZATION

##### E-Beam

- Contract Services (1408)
- Equipment (1409)
- Monitoring Devices/Supplies (1410)



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in print and online

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## Category Selection Form

### EtO

- Contract Services (1411)
- Equipment (1412)
- Monitoring Devices/Supplies (1413)

### Gamma

- Contract Services (1414)
- Equipment (1415)
- Monitoring Devices/Supplies (1416)

### Plasma

- Contract Services (1417)
- Equipment (1418)
- Monitoring Devices/Supplies (1419)

### Steam

- Contract Services (1420)
- Equipment (1421)
- Monitoring Devices/Supplies (1422)

### Other

- Contract Services (1423)
- Environmental Control/Recycling Equipment (1424)
- Equipment (1425)
- Gas Plasma (1426)
- Hydrogen Peroxide Gas Plasma (1427)
- Monitoring Devices/Supplies (1428)
- New Sterilization Technologies (1429)
- Ozone (1430)
- Pulsed Light (1431)

### TESTING

#### Products & Equipment

- Analyzers (1530)
- Circuit Testing (1531)

- Data Acquisition (1532)
- Electronic Controls (1533)
- Flow Meters (1534)
- Gauges, Meters, & Monitors (1535)
- Hand Held Instruments (1536)
- Leak Testing (1521)
- Machine-Vision Systems (1522)
- Measurement Instruments (1523)
- Microprocessor-Based Controls (1537)
- Operator Interface Products (1538)
- Optical Inspection (1524)
- Other Testing Instruments (1539)
- Product-Safety/Performance Testing (1525)
- Recorders (1540)
- Resistance Temperature Detectors (1541)
- Seal-Strength Testing (1526)
- Temperature Instruments (1543)
- Tube Testing (1544)

#### Services

- Component Testing (1503)
- EMI/EMC Testing (1504)
- Functional Testing (1545)
- Laboratory Testing (1505)
- Material Testing (1546)
- Medical Device Testing (1547)
- Microbiology/Chemical Testing (1506)
- Other Testing Instruments (1508)
- Product-Safety/Performance Testing (1507)
- System Testing (1548)

#### TUBING

##### Materials Used

- Composite (1601)

- Fluoroplastic (1602)
- Glass (1630)
- Latex (1604)
- Liquid Crystal Polymers (1605)
- Metal (1606)
- Nylon (1610)
- Polycarbonate (1611)
- Polyethylene (1612)
- Polyimide (1613)
- Polyolefin (1614)
- Polypropylene (1615)
- Polyurethane (1616)
- PTFE (1617)
- PVC (1618)
- Rubber (1631)
- Silicone (1621)
- Thermoplastic Elastomer (1622)

#### Tubing Types

- Coextrusions/Paratubing (1600)
- Complex (1632)
- Fiber Optics (1633)
- Heat-shrink (1603)
- Multilumen (1608)
- Needle (1609)
- Precision (1634)
- Radiopaque (1619)
- Reinforced (1620)
- Ultra Thin (1635)
- USP Class VI (1623)
- Vacuum (1624)

### Check the Appropriate Box Below:

- I am a Display advertiser in this issue and am therefore entitled to choose UNLIMITED categories at no extra cost.
- I will not be placing advertising in this issue. I have filled out the order form to the right for my additional categories.

### Category Summary and Total:

Total categories checked above = \_\_\_\_\_  
 Up to 10 categories = \$60  
 Additional paid categories x \$20 = \$ \_\_\_\_\_  
 Total to be invoiced for categories = \$ \_\_\_\_\_

\*Please be sure to sign the order form below.

### Payment (Note: Non-advertising orders cannot be processed without pre-payment.)

- Pay by Credit Card:  Visa  MasterCard  American Express  Discover OR  Bill me at the address above.
- Check enclosed. Make Checks payable to *Medical Design*.

Credit Card Number \_\_\_\_\_ Exp. Date \_\_\_\_\_ Name on card \_\_\_\_\_

Card Holder Signature \_\_\_\_\_ Date \_\_\_\_\_

### Advertising

Please contact use, we are interested in the following:  Display Advertising  Online Advertising  Logo Advertising

### Authorization

Name (please print) \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

**Fax completed forms by January 5, 2009 to 913.967.7207**

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