



Knightsbridge Plastics, Inc.

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ISO 9001:2008 Registered

Website: <http://www.kpi.net>

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CAPABILITIES & EQUIPMENT LIST

FACILITY:

20,000 sq. ft. facility includes our offices, tool room, QA, and molding departments.

ENGINEERING / TOOLING:

Computer Aided Design is utilized in tool design and product development. Tooling is designed and maintained with Knightsbridge owned equipment including:

1 - Charmilles Wire EDM	4 - Surface Grinders
2 - Makino CNC Sinker EDMs	2 - Lathes
2 - Haas CNC Mills – 1 high speed	SolidWorks® Plus
5 - Bridgeport Mills	VISI CAM®/VISI CAD®

INJECTION MOLDING:

Thirteen (13) microprocessor controlled molding machines. Molding and secondary operations equipment includes:

1 - Nissei 200-ton (11.8 oz. - styrene)	1 - AZ-310 AAC Traverse Robot
3 - Nissei 80-ton (3.4 oz. – styrene)	1 - 600 FM Traverse Robot
7 - Nissei 46-ton (1.0 or 2.0 oz. – styrene)	4 - Portable Clean Rooms
1 - Nissei 33-ton Electric (.4 oz. – styrene)	1 - Met One Laser Particle Counter
1 - Battenfeld 22-ton (1.0 oz. – Thermoset)	1 - Omnimark Mark II moisture analyzer
1 - Printex G2-100 two color Pad Printer	2 - Star Sprue Pickers
1 - Real Time Monitoring System	

Q.A. DEPARTMENT:

ISO 9001:2008 Certified, KPI QA department monitors all aspects of KPI operation (training, goals and objectives, in-house and customer reject percentage and cost, on-time delivery, etc.). QA Equipment includes:

2 - Voyager 1000 inspection systems	2 - Voyager ESD Surface Resistivity Meter
1 - Gage Master optical comparator w/ Quadra-Chek readout to .0005"	Mitutoyo Micrometers & Calipers
1 - Isomet sectioning saw	Stereo zoom microscopes
1 - Mantis® 6X microscope	1 - IQMS ERP

TECHNOLOGY:

Knightsbridge Plastics, Inc. specializes in:

- Hands-on owner/management team with 70+ years of mold making, 40+ years of molding and 15+ years of plastic materials engineering experience.
- Metal to plastic design support.
- Insert, lead frame and over-molding.
- The latest available thermoplastic (including PEEK®, Torlon®, LCP, Fluoropolymers and EMI, ESD, conductive composites) and injection-molded Thermoset resins.
- Intricate, high temperature, and precision molded parts.
- Concept to production.