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This Cutting Tool Inspection System Meets Today's Cutting Tool Inspection Demands

Menomonee Falls, WI. . . . Euro-Tech Corporation offers the PG 1000 Cutting Tool Inspection System for precision inspection of various cutting tool geometries on twist drills and step drills, form tools, reamers, taps and end mills. The system will be part of Euro-Tech's exhibit at IMTS – The International Manufacturing Technology Show 2010 being held at Chicago's McCormick Place September 13-18. Euro-Tech Corporation can be found in Booth #W-2453 which is part of the Tooling & Workholding Systems Pavilion located in the West Building.

The PG 1000 Cutting Tool Inspection System allows precise cutting tool inspection which has long been ignored in the manufacturing process because primary emphasis has been on the machined part. For example, if cutting tools are improperly ground, the result is often scrapping a workpiece worth far more money than the cutting tool. So, by applying the same precision measurement principles to tooling,

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throughput can be increased, tighter tolerances can be held and overall higher quality can be achieved making making the system ideal for automotive, aerospace, medical device industry applications.

Designed to hold the tool horizontally in a variety of workholding devices, all cutting tool geometries can be seen, measured and documented in four axes.

The PG 1000 with CTM Software offers a computer vision system with software written exclusively for cutting tool inspection and no programming skills required. Software upgrades are available at no cost from the Euro-Tech website for current PG 1000 users. The PG 1000 CMN software automatically synchronizes microscope magnification with the software. Further enhancements allow increased field of view, high image resolutions and still-image inspection capability at any magnification.

All systems are sold ready-to-use with these standard features:

- V-block assemblies that consist of a 19" x 21" grade "A" black granite base.
- 8" horizontal measuring length using high precision linear motion guide ways
- 3" vertical measuring length using high precision linear motion guide ways
- 1.5" focus distance using high precision linear motion guide ways
- 16 pitch precision Acme lead screw with anti backlash nuts on both axes
- Fully ground interchangeable swiveling V-block mounted on base block with 360° of motion, carbide tipped length stop, top clamp, and V-block insert for small diameter tools
- .118" to 2.362" (3 to 60mm) workpiece diameter range; all standard lengths
- Halogen work light

Optional tool holding accessories are available.

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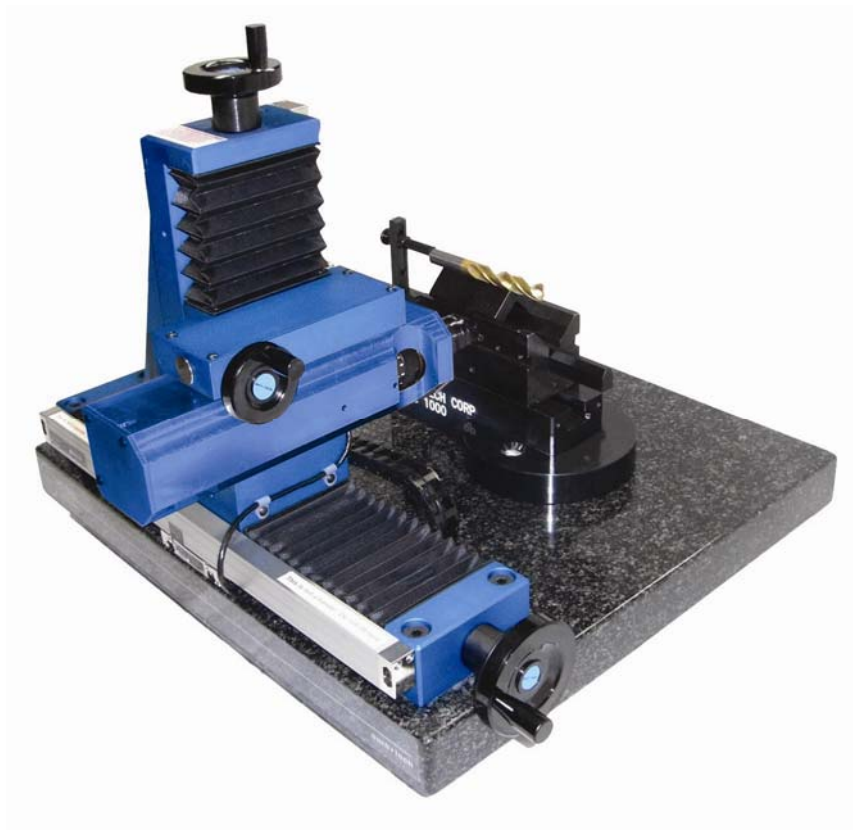
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Euro-Tech Corporation

Since 1993, Euro-Tech Corporation has represented unique European-made gages, tooling products such as arbors, chucks, drills, taps, measurement systems and accessories. Euro-Tech also offers the state-of-the-art PG 1000 Cutting Tool Inspection System and the Pinhead Flexible Fixturing Systems for CMMs. Both are manufactured in the U.S. .

Euro-Tech products are used to make manufacturers in the automotive, aerospace, small engine, medical and wind power industries more productive. The company is headquartered in Menomonee Falls, WI where a highly skilled team is committed to the continuous development of state-of-the-art solutions.



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