

RPM**REPORTING** □ **PROBING** □ **MONITORING**
□ trends in the machining industry □

RPM is a monthly, one-page, PDF newsletter published by DATRON Dynamics, Inc. to cover trends in the high-speed micro-tooling industry.

Tricks of the Trade.

You may already use our VacuMate™ workholding for securing flat parts and sheet material. This does a great job of holding small parts even after they've been cookie-cut out of the sheet. If your part is posing added challenges due to small size or slipperiness, we encourage you to experiment with repositioning glue — you know, the stuff used for Post-It® notes. We've found that this adds just enough grip to secure tricky parts. Spray the blank rather than the VacuSheet™ so the part sticks to the sheet while chips and other debris don't. Call us and we'll recommend a spray for you.

APPLICATION ENGINEER WANTED: Here we grow again. We're always looking for good people to join our team. If you know of a talented Application Engineer, let us know. If your contact is hired, you get a 5 litre keg of pilsner beer.

Beefing Up.

In 2007, Datron will beef up and add 1.8KW and 3KW HSK spindle options to our product offering. Featuring a Schunk TRIBOS clamping system, these spindles deliver radial rigidity and clamping force specifically optimized with a concentricity of less than 0.003 mm. That means that they are stable even when stressed with higher cutting forces. High cutting performance allows faster machining times, smoother surface finishes and therefore increased productivity.

DATRON Dynamics is a distributor for DATRON Electronics Makers of the awe-inspiring 60,000 RPM CNC Machine Centers
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Does your probe look like this?



We'll start by stating the obvious. These electric probes, while good in their day, were replaced by our pneumatic probes over 5 years ago. So, if you still have one, it will cost you a good deal of money in the event that it needs repair. After all, it's tough to find out-of-date parts or someone skilled in the art of repairing the antiquated.

When it should look like this?

The Datron Z-Probe is more advanced and reliable than the one you have. Plus, it can measure in X, Y & Z making it ideal for edge-finding, locating holes and bosses and even identifying which blank has been set up — so that controller can automatically select and run the appropriate program for that blank. When it finds an irregular work-piece topography or position it compensates for them dynamically. Through this process, job setup times are reduced and piece/part rejection is minimized.



Or better yet ... like this?



Go with the Renishaw TP20 probe. It is ideal for complex part measurement. The TP20 features a touch-trigger system that can significantly improve cycle times. Plus, the stylus is exchangeable and is magnetically mounted — so if you crash it, the tip detaches to protect the rest of the probe from the impact. And with a range of tips

available you gain a broader range of probing capabilities.

The good news is, that for a limited time, we're making it a "no-brainer" to **Upgrade to Datron's Pneumatic Probe**. NOW, until **December 31st 2006**, we'll give you a **\$1,500** trade-in credit for your old probe. So, the cost of a pneumatic probe is only **\$5,280** (normally, \$6,780). If you order the 3D Extension with it, we'll give that to you for **\$2,200** (normally \$3,680). Go with the Renishaw TP20 for only an additional \$1,700 (or **\$6,980** plus \$2,200 for 3D Extension if desired).

But, you snooze, you lose and the saving will be gone FOREVER!