

Welcome to our Product News page. Here we feature new products of interest to the gear and gear products markets. To get more information on these items, please circle the Reader Service Number shown. Send your new product releases to: *Gear Technology*, 1401 Lunt Avenue, Elk Grove Village, IL 60007, Fax: 847-437-6618.



**Mobile Parts Cleaner**

The Graymills Model TL1 Tempest® Series Jet Spray Parts Cleaner is designed specifically to provide parts cleaning in a compact cabinet. It is designed for job shops and other facilities where space is at a premium. It has an optional caster kit, which makes it easily portable from one location to another. The TL1 has dimensions of 40"L x 33"W x 50"H and a tank capacity of 18 gallons. It will handle parts up to 250 lbs. It has a 3/4 hp pump which produces 20 GPM at 30 psi and is available with a choice of power sources: 115V or 230V, single phase or 230V or 460V, 3 phase.

Circle 301

**Citrus Degreaser**

Environmental Chemicals & Lubricants introduces its Orange It Degreaser. This natural citrus, water-based degreaser will break down the toughest oils, including No. 6 oil, as well as tar and asphalt from virtually any surface. It can be used in hot or cold pressure washers and will not attack painted surfaces, according to the manufacturer. It is completely biodegradable, non-flammable, non-corrosive, contains no petroleum distillates and will not irritate the skin.

Circle 302



**Brown & Sharpe Chameleon CMM**

Chameleon from Brown & Sharpe combines single-point measurement and multi-point scanning technology in what the company describes as a fast, accurate and affordable CMM. Chameleon uses the DATOS dimensional analysis technology to support high accuracy data evaluation at very high speed analog opened and closed loop scanning, with data transfer up to 120 points per second. The machine comes with a patented on-board temperature compensation system and all-aluminum machine construction. It has V<sub>2</sub> accuracy of 4.2 µm at a scanning speed of 20 mm/sec. It can be equipped with a touch trigger probe, a laser probe and an analog scanning probe. It has a 750 mm x 650 mm x 500 mm measuring range and QUINDOS® software.

Circle 303

**Manufacturers' Liability Insurance**

The Hartford insurance company is offering a commercial liability insurance package designed for small to medium-sized manufacturing businesses. The Tripak is targeted to manufacturers of products with moderate to severe liability exposure. It contains three coverages: repair and replacement; manu-

facturers' errors or omissions and product recall-advertising expense. The package is meant to be a supplement to commercial general liability or product liability coverage. The coverage usually comes with standard limits of \$100,000, but higher limits are available. The package is not designed for manufacturers of high-tech or medical products and is available in most states.

Circle 304



**Chip-Mist Collector**

The Aget chip-mist collector is designed to remove wet dust, oily chips and other contaminants generated by metal cutting operations such as machining, drilling, boring and wet grinding, and by screw machines and aluminum cut-off saws. The two-stage system consists of a Dustkop cycle separator which receives the moisture-laden chips and oil dust, removes the solids from the air stream and deposits them into a waste container. The second stage is a Mistkop filter that separates the remaining moisture from the air and carries it by tube to a waste container or returns it to the sump of the equipment. Clean air is returned to the workplace through the outer mesh wall of the filter. Available in capacities from 400 to 5500 cfm.

Circle 305

**Vdraft CAD System**

SoftSource™ introduces Vdraft, its AutoCAD-drawing-based CAD system for all types of architecture, design, drafting, engineering and Internet applications. The new system runs on Windows 95/NT, and the company says it is the first program produced by any company outside of Autodesk® that can create and edit AutoCAD drawings and DXF files in their native format. Each drawing (including externally referenced ones)

opens in its own window, with cut, copy and paste between drawings within Vdraft and between AutoCAD and Vdraft. It also supports long filenames, direct e-mail of drawings and ActiveX automation. It reads and writes AutoCAD drawings, ASCII DXF and Binary DXF formats for Auto CAD from Release 12 back to Release 2.5. AutoCAD R13 can be supported by using the AutoCAD Save As Release 12 command.

Circle 306



**Combination Data Collector, Waveform & Spectrum Analyzer**

Ono Sokki introduces the new CF-1200 hand-held single channel FFT analyzer. It is a lightweight, portable single channel FFT analyzer specifically designed for field and on-site measurements. The CF-1200 operates continuously for 8 hours on 4 AA batteries and also comes with an AC adapter. It measures 9 1/2" x 4 3/4" x 2" for maximum portability. It is capable of either 100 or 400 lines of resolution, and comes with a built-in power supply for ICP accelerometers, RS-232C port, 12-bit A/D converter, and a PCMCIA type II port. It can automatically convert to English or metric units. The CF-1200 has three display modes: time domain, frequency domain, and overall list for simple data collection and spot checks. It also comes with an optional filter/vibrometer and a Windows-based program which enables the user to download information to a PC or laptop.

Circle 307



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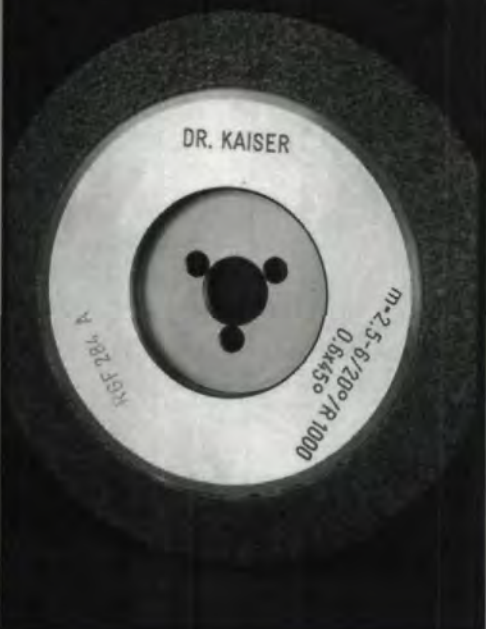
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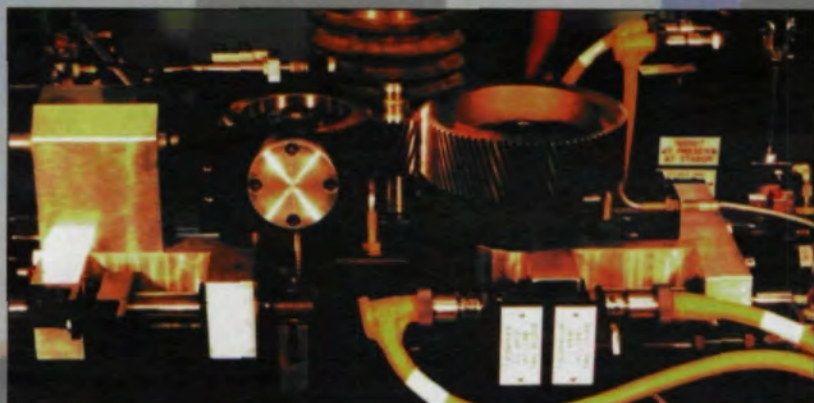
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**Virtual Inspection Process™ Software from ICAMP**

ICAMP has announced the expansion of its independent dimensional inspection and analysis software to work with all brands and types of CMMs. The company says the software can be used in the inspection lab, on the manufacturing floor and at the engineer's desk. It provides all GD & T

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## PRODUCT NEWS

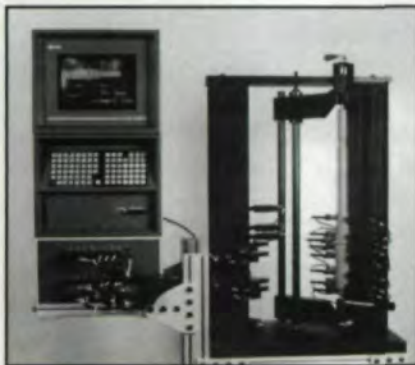
(ASMEY14.5M-1994) measurements, including true position at MMC and profile of the entire part. The system is available for Windows 3.1, Windows '95 and Windows NT.

Circle 308

### Solveware's MATHANSR Software

Designed to provide quick and easy solutions to shop floor mathematical calculations, MATHANSR is calculation software that works in a variety of machine shop environments. The designers say the system is simple and easy to learn and can be mastered in 30 minutes to an hour. Problems are entered in red and answers appear in black. All calculations work in the same manner, making mastering the system easier. Solveware also offers SPEEFEE<sup>®</sup>, a program for making twelve different speed and feed calculations.

Circle 309



### Moore Modular Gaging Fixtures

Moore Products Co. offers modular fixturing which the company says saves substantial design time and costs. These fixtures can be easily and inexpensively modified when necessary, can be disassembled, stocked and re-used. These modular systems are available with a wide variety of capabilities, including O.D.s from .15"-6.0"; lengths from 1"-23"; weights up to 25 lbs.; part referencing using v-nests or cone centers and feed slides for awkward parts.

Circle 310

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