

New and established products on display at PITTCON

GLEN MILLS Booth 3775, The Helpful Experts in Sample Prep will be showing a wide range of equipment at PITTCON 2004. As well as some brand new units making their debut at the show (see inside pages) we will also be displaying some tried and true technology including our **TURBULA® Shaker-Mixer** and our **DISH & PUCK MILL**.

The **TURBULA** is perhaps the best dry Powder Blender in the world with over 15,000 units sold since it was introduced in the 1950's. With its unique 3D mixing action (incorporating rotation, translation and inversion) the **TURBULA** has proven itself to be the blender of choice in such diverse



industries as Pharmaceuticals, Explosives, Cosmetics and Powdered Metals. Three sizes are available: 2 liter, 17 liter and 50 liter. The 2 and 17 liter models use a system of twisted rubber clamping rings to hold the mixing container in place. Any size or shape of container can be used from a test-tube up to the full capacity of the machine. This change-can design ensures zero cross-contamination between batches.

The GLEN MILLS' **DISH & PUCK MILL** was originally designed for use within the rugged environments of gold and other mines in the Australian outback. This robust machine is the mill of choice for labs and production facilities looking to grind ores, rocks and minerals prior to further analysis or processing. Rocks can be turned into -325 mesh powder, normally in less

than 5minutes! Three standard sizes are available: Type 1000, Type 2000 and Type 5000 – the type number signifies the max

loading possible in each size (Type 1000 can take up to 1000 grams, Type 2000

can take 2000 grams, etc.). For larger quantities we have a continuous mill that can process up to 250 grams per minute. Dish sets from 50 cc



are available in steel, ceramic, agate and Tungsten Carbide.

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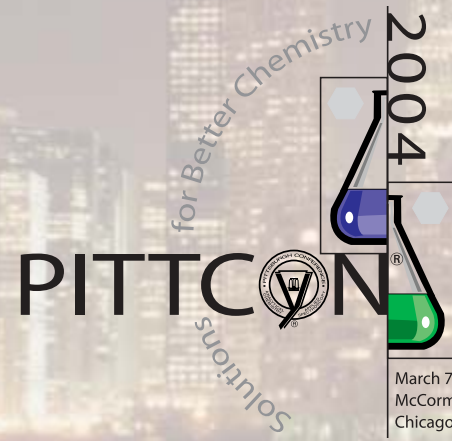
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**GRINDING
MIXING
SAMPLING**



March 7-12, 2004
McCormick Place
Chicago, Illinois

Visit the Glen Mills booth at PITTCON 2004
Booth #3775

You!

Perfect together?

New Products on display at PITTCON Chicago

Two new products will be at the GLEN MILLS Booth 3775 at PITTCON 2004.

ULTRA CENTRIFUGAL MILL



Updated and redesigned for 2004, this is the successor to the best selling mill with the same name that GLEN MILLS has been selling for 15 years. Many new features have been incorporated into this mill to make it even more versatile and user friendly:

- Bigger motor – means faster throughputs and reduced likelihood of blockages.
- Variable speed from 6000 to 18000 rpm – means that the mill can now handle delicate materials as well as tougher ones.
- Automatic cover closure – no more struggling with latches and knobs!
- New accessories allow one mill to handle quantities from a few grams (i.e. single tablets) to 5 liter batches.

PLANETARY BALL MILLS

Two new mills, the PM100 and PM200 (single and twin station respectively) that compliment the very successful PM400 four station mill. The mills boast a number of enhanced features that make them a great addition to just about any lab:

- True planetary motion in a desktop mill with results to one micron and below.
- Single station is designed to use grinding jars as big as 500ml (grinding volume 300ml).
- Twin station model can handle either 50ml or 125ml jars (grinding volumes 30ml and 80ml respectively).
- Faster speeds and bigger planetary disc means more energy for grinding – up to 50% higher than comparably sized mills.
- Grinding jars in 6 different materials, including steels and ceramics, even Tungsten Carbide.



ONE TOUCH CONTROL

Both the new **ULTRA CENTRIFUGAL MILL** and the new **PLANETARY BALL MILLS** utilize the same “One Touch Control” system for setting parameters. Individual parameters are different for the specific mills but include the following common ones:

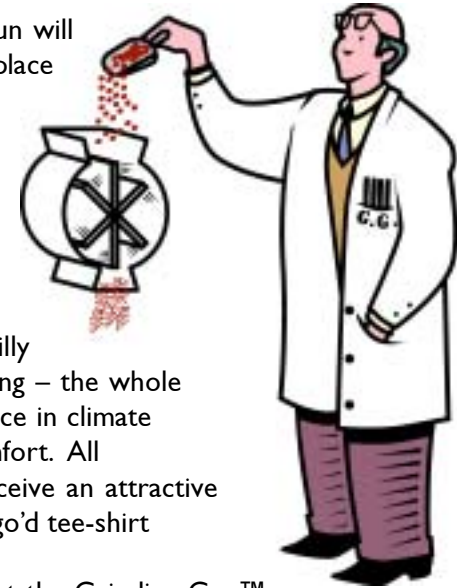
- Access to multilingual, menu-driven guidance system.
- Grinding speed.
- Driving load.
- Operating hours.
- Error messages in clear text.
- Service intervals.



If you can't make it to Chicago this year but would still like details on these machines please call, fax, or e-mail us for your own product guides.

GLEN MILLS announce their continued sponsorship of the 2nd “Almost Annual” 50 Trillion Angstrom Fun Run and Walk at Pittcon 2004.

The 5K Fun Run will this year take place on Sunday, March 7, 2004 inside McCormick Place. This means that no buns will be frozen on a chilly Chicago morning – the whole event takes place in climate controlled comfort. All participants receive an attractive GLEN MILLS logo'd tee-shirt



Come and meet the Grinding Guy™ – we can't promise that he'll be taking part but you never know... For more information please contact either John or Eric at GLEN MILLS, 973-777-0777

GLEN MILLS has a limited number of guest passes available to our customers and friends who would like to attend Pittcon 2004 in Chicago, May 7-12.

Please contact John Tully at GLEN MILLS (john@glenmills.com) for more details.