

QUANTOS™ Receives 2009 R&D 100 Award

COLUMBUS, Ohio (August 11, 2009) – METTLER TOLEDO has been awarded the coveted “R&D 100 Award” for QUANTOS™, a global innovation which automatically doses small amounts of free-flowing substances directly into the tare container—making weighing with a spatula a thing of the past.

The prestigious R&D 100 Awards have taken place for 47 years, helping companies provide the important initial push a new product needs to compete successfully in the marketplace. Winning an R&D 100 Award provides a mark of excellence known to industry, government, and academia as proof that the product is one of the most innovative ideas of the year.

“With practically every organization required to complete more work in less time—and with fewer available resources, QUANTOS lets our customers focus on lab functions that yield greater returns by improving an important but low-value activity such as manual powder weighing,” explains METTLER TOLEDO Area Business Manager for Lab Solutions, Tom Butta. “We’re proud to have this innovation recognized by receiving a 2009 R&D 100 Award!”

Award Winning Product

The future of powder dosing is called QUANTOS from METTLER TOLEDO. The spatula is made obsolete as QUANTOS doses automatically with interchangeable dosing heads. Thanks to high precision engineering and intelligent electronics, the heads are perfectly tailored to the dosing device.

Each dose hits the target weight, without exceeding tolerances. The stirrer within the head ensures homogeneity of the compounds. The integrated RFID (Radio Frequency Identification) chip saves all the information, such as substance ID, quantity and date, in a secure and traceable way. Whether as a label with matrix code, as a sample protocol or as XML data, each value can be uniquely assigned and the data can be called up on the touch screen display at any time. To minimize the risk of contamination and the danger of abrasion, each disposable dosing head is used for a maximum of 75 doses.

**QUANTOS QB1****Unrivaled Measuring Performance with a High Degree of Safety and Economy**

QUANTOS combines both revolutionary and proven capabilities. Based on METTLER TOLEDO’s experience and precise weighing technology, QUANTOS offers unrivaled 220g measuring performance, with a readability of 0.005 mg. This enables the typical USP minimum weight of only 10 mg. With just one touch of a button, QUANTOS doses directly and with pinpoint accuracy into various tare containers up to 20 times faster than by hand. Losses of valuable substances through spilling or repetition due to incorrect weights are no longer an issue.

Automatic dosing is not only faster and more economical, but also safer: QUANTOS protects your laboratory staff and your samples—the closed system keeps hazardous substances shut away and reduces the formation of aerosols to a minimum.



The Selection Process

All "R&D 100 Award" entries are initially judged by outside experts. Outside judges are chosen from professional consultants, university faculty and industrial researchers with superior expertise and experience in their judgement area. They must also be completely unbiased and have no conflicts of interest with any entries they are judging. More than 50 outside judges participate every year.

The "R&D 100 Award" is awarded annually to the developers of new products that represent the greatest improvement in technology of that year. There are 19 categories awarded each year and this is the 47th year of the awards presentation. Aside from bragging rights, awardees receive special recognition in R&D Magazine and are invited to attend a gala awards banquet in celebration of the award.

METTLER TOLEDO—a Quantum leap in the laboratory

METTLER TOLEDO is a leading global supplier of precision instruments and is the world's largest manufacturer and marketer of weighing instruments for use in laboratory, industrial and food retailing applications. The Company also is a leading supplier of several related analytical and measurement technologies. METTLER TOLEDO Direct Laboratory Service supports a worldwide customer base in more than 100 countries.

Additional information about METTLER TOLEDO can be found on the company website www.mt.com.

www.mt.com/QUANTOS

Visit for more information

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