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Powder fit for purpose

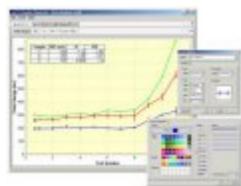
If our expanding order book and recent customer feedback are reliable indicators, there is a growing appreciation that the flow characteristics of powders really can be measured, predicted and compared in a dependable and practically useful way, using a combination of dynamic testing, bulk properties measurement and shear testing.

In most process situations, it is likely that one or more powder characteristics will be decisive in determining process performance. In some cases the cause is obvious. Flooding, for instance, is clearly and closely linked to the aeration and fluidisation characteristics of the powder, things that can be measured easily. When the reason is less evident, it is necessary to examine a wide range of dynamic, shear and bulk properties. By correlating this information with processing experience, it is usually possible to determine the critical characteristics for a particular system.

Our approach is to comprehensively evaluate all powders likely to be used in a particular process plant and construct a database of the dynamic flow, shear and bulk properties. By doing this we can establish which powder characteristics suit the plant so that processing efficiency and product quality may be optimised.

Reg Freeman, Managing Director

New release Data Analysis package



More choice and a simpler interface! Key benefits of the new release Data Analysis package for Freeman's FT4 universal powder tester, to be launched at the forthcoming AAPS meeting in San Antonio. Enabling faster analysis and with more flexible reporting options, the new release further supports Freeman's universal approach to powder testing.

For more information please [click here](#).

Meet the team at AAPS



A veteran of many FT4 installations around the world, and highly experienced in delivering user and applications training, Tim Freeman will be available on our booth throughout the AAPS meeting to discuss individual powder processing issues. With him will be Applications Scientist James Cooke, whose daily involvement in testing the wide variety of powder samples we receive gives a real insight into the different challenges that processors face.

Visit them on Booth # 2283 or to make an appointment [click here](#).

Powders, powders, and more powders



The range of applications for which the FT4 universal powder tester is used continues to grow. In recent months we have been involved in testing everything from flour to fire extinguishers and cosmetics to cement.

For more information please [click here](#) to visit our applications page.

Hints & Tips



While we trust that you find the FT4 easy to use, our new series of 'Hints & Tips' covers specific topics and is intended to pass on our own experience in a variety of applications. The first in the series focuses on the importance of good sampling.

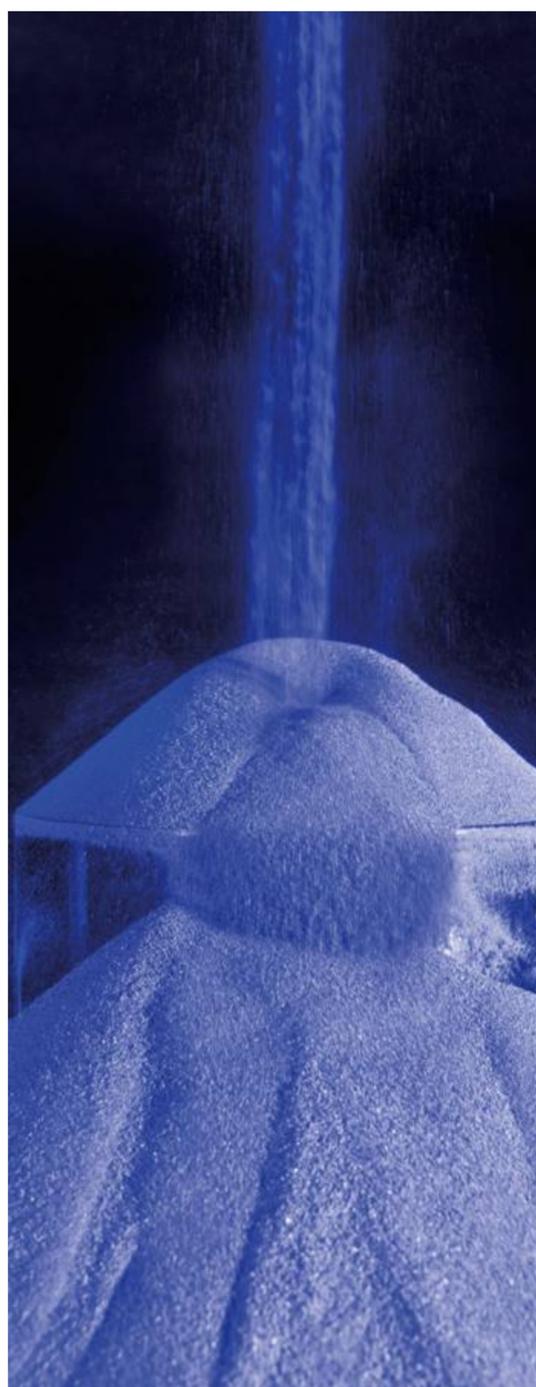
Simply [click here](#) to request your copy.

Looking forward to PARTEC 2007



Always a must in the conference calendar, PARTEC the International Congress on Particle Technology will soon be with us, running alongside Powtech and Technopharm in Nuremberg next March. At PARTEC 2007 Reg Freeman will deliver a paper discussing Volumetric dosing efficiency in relation to the bulk, flow and shear properties of powders.

To view the abstract [click here](#).



We look forward to meeting you at:

29th October - 2nd November 2006

American Association of Pharmaceutical Scientists

Booth No. 2283, San Antonio TX, USA

For the AAPS website [click here](#).

27th - 29th March 2007



POWTECH 2007

([Click here](#) for website)



PARTEC 2007

([Click here](#) for website)

Booth No. Hall 8-315

Nürnberg, Germany

23rd - 25th May 2007

Science et Technologie des Poudres & Poudres et Materiaux Frites

Ecole des Mines d'Albi, France