



B R O O K H A V E N · I N S T R U M E N T S · L T D

Date: 05.12.00

PR#: 440-00

Press release

Keywords: particle size analysis, zeta potential measurements, ZetaPALS analyser from Brookhaven Instruments, MIT

Word count: 338

Photographs: The ZetaPALS analyser from Brookhaven

-copy starts-

MIT chooses Brookhaven again for particle sizing

A research group in the Chemical Engineering Department at the Massachusetts Institute of Technology (MIT) in the USA has recently chosen the ZetaPALS analyser from Brookhaven to replace an older Brookhaven particle-sizing instrument. The lab studies problems associated with the controlled release of pharmaceuticals, and uses the ZetaPALS analyzer to measure both particle size and zeta potential.

Dr. David Lynn is a postdoctoral fellow in the group. He said: "We use the instrument to characterise a wide variety of particles, ranging from polymer/DNA complexes to micelles and polymer-based microparticles and nanoparticles for drug delivery.

more....

Registered in England Number 2562147

Vat Registration No. GB 551 5056 61

CHAPEL HOUSE · STOCK WOOD · WORCESTERSHIRE B96 6ST · UK

Tel: 01386 792727

Fax: 01386 792720

“After investigating several competing systems, we concluded that the ZetaPALS could determine zeta potentials without compromising the accuracy of particle sizing. This was very important to us since we were replacing and upgrading from an older particle-sizing instrument. The ZetaPALS was also unique in being suitable for the wide range of experimental conditions likely to be encountered in our lab. For example, only the ZetaPALS would enable us to make accurate measurements in the ‘high salt’ conditions typical of some biological buffers as well as in organic solvents. Given the range of applications in our lab, this was also very important to us.”

“The ZetaPALS is very easy to use, and its straightforward design and modern software interfaces have significantly improved the speed at which we conduct our research,” Dr. Lynn continued.

“We had an existing relationship with Brookhaven and had received good support from them in the past. They were very helpful and understanding during our decision process, and analyzed some of our own samples so that we could compare data from the ZetaPALS with that from competing systems. The service and support has been excellent and consistent from our first information-gathering phone calls to the onsite setup and training sessions. Brookhaven’s technical team continues to be helpful and knowledgeable in response to our technical support questions and queries about theory or interpreting data.”

Dr. Lynn concluded: “We are very satisfied with Brookhaven’s service and support.”

For more information about Brookhaven products, please contact:

Rosemarie Ludewig
Brookhaven Instruments Corporation, 750 Blue Point Road,
Holtsville, NY 11742-1832 U.S.A.
Telephone: +1(631) 758-3200 Fax: +1(631) 758-3255
e-mail: info@bic.com
www.bic.com

Dr Peter McFadyen
Brookhaven Instruments Limited, Chapel House, Stock Wood,
Redditch, Worcestershire, B96 6ST, UK.
Telephone: + 44 (0) 1386 792727 Fax: + 44(0) 1386 792720
e-mail: info@brookhaven.co.uk
www.brookhaven.co.uk

- copy ends -

© kdm communications limited 2000

Editorial contact for further information or follow-up

Clare Butterfield at **kdm communications limited**, Milton Keynes, UK

Telephone +44.1908.371173 Fax +44.1908.371171

e-mail ideas@kdm-communications.com