

<p>Zeta potential</p>	<p>Category: C. Particle Characterisation in and ex-situ</p> <p>Institute: VITO</p> <p>Location: Boeretang 200, 2400 Mol, Belgium</p> <p>Contact Details of Technology Expert: Steven Mullens Phone: +32 (0)14 335668 Fax: +32 (0)14 321186 E-mail: steven.mullens@vito.be</p>
<p>Short technology description</p> <p>The Colloidal Dynamics ZetaProbe is a sophisticated device for measuring a broad range of parameters in a colloidal suspension, without the need for sample dilution. The device uses a purpose-built ultrasonic and electroacoustic probe for determining zeta potential. In addition there are standard probes for measuring pH, conductivity and temperature.</p> <p>The automatic titration facilities offer rapid isoelectric point determination, as well as optimum dispersant or flocculent level control.</p>	
<p>Main Features (Equipment Capabilities):</p> <ul style="list-style-type: none"> ▪ Single point measurements or automated titration equipment (double syringe) ▪ 2 sample holders (constant pumped low volume holder (50 mL) or constant stirred vessel (300 mL)) ▪ Typical solids loading from 1 – 25 % ▪ Polar and non-polar solvents 	
<p>Typical Samples & Images:</p>	
<p><i>Any further Information:</i></p>	