



STABINO

Particle Charge Titration Device



Microtrac STABINO *Features*

- Charge titration within minutes
- Concentration range of 0.01 to 40%vol
- Measurement parameter: potential, pH, conductivity, temperature, absolute charge, time
- Slot for 180° DLS size sensor
- Can be controlled by a Tablet PC


Total Solutions in Particle Characterization

STABINO Specifications

Method:	Streaming potential, calibrated to particle zeta potential or polyelectrolyte charge standards
Titration:	Two integrated titration pumps
Titration steps:	10 μ l to 100 μ l
Titration modes:	Fixed and dynamic intervals; cationic/anionic, acid/base, salt, kinetic
Samples:	Macromolecular solutions and dispersions with up to 100 μ m maximum particle size
Sample volume:	5 to 10 mL
Sample concentration:	0.01 to 40%
pH-range:	2 to 12
pH-meter:	Included
Conductivity:	Automatically measured
Conductivity range:	Up to 100 mmolKCl
Potential range:	-200 to +200 mV
Supplied standard solutions:	0.0025 N PVS (anionic) and Poly-DADMAC (cationic), 50 mL, respectively, and calibrated to charge quantity. Particle standard suspension cationic 50 mV, 10 mL, 30%, for dilution
Accessory-Kit:	Piston with 0.4 mm and 0.2 mm gap, respectively, measurement accessory
Tablet PC:	For controlling the device, for calculation, displaying, exporting and printing data
Safety:	CE

For more information on the unique benefits of the Stabino, a software demo, or to request a quote, please scan this QR code with your smartphone or tablet or visit microtrac.com/stabino



Complex Particles. Clear Data.

SL-PS-32 Rev. A

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