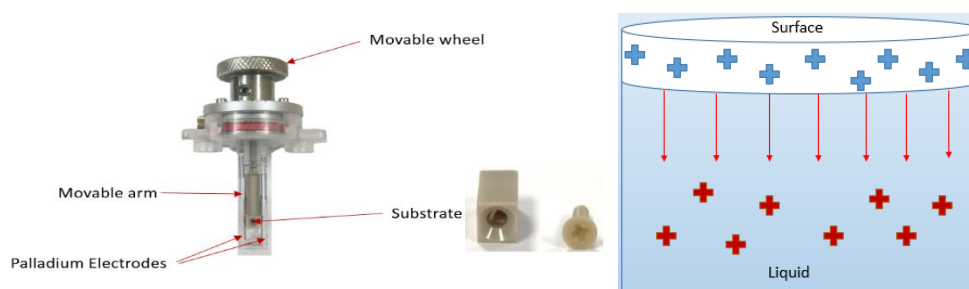


## CHARACTERIZATION OF MACROSCOPIC SURFACES WITH SURFACE ZETA POTENTIAL

Order Number: C-30330



### Description:

**TESTA** Surface Zeta Potential\* option for the NanoBrook series of instruments (with PALS capability) allows the user to measure the electrical charge on materials like coated glass, plastic, tape, or other flexible surfaces. The system uses known probe particles and purpose-designed electrode to calculate surface zeta potential.

### SOP:

A series of measurements are taken on probe particles at different distances from a surface and the Surface Zeta Potential is calculated as shown:

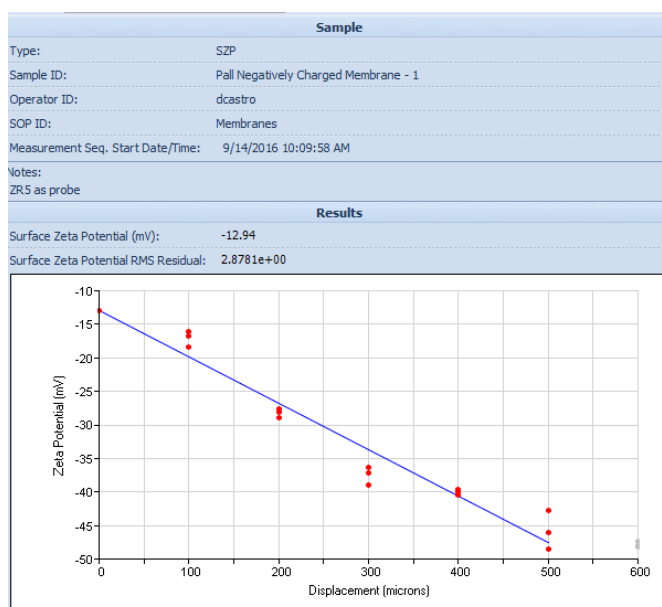


Figure 1- Example of negative SZP measurement

**Benefit:** This option allows the user to measure the electrical charge on materials like coated glass, plastic, tape, or other flexible surfaces.

\*Source: <https://www.brookhaveninstruments.com/nanobrook-zetapals-potential-analyzer>

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