Equip Yourself to

Perform Professional Calibrations

Component-Based Solutions Tailored to Your Needs

TSI® Knowledge Beyond Measure.

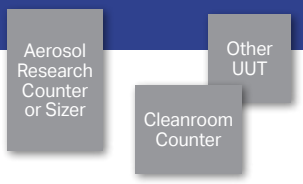
Concept Flow	Example Schematics	
	Polydisperse Calibration Aerosol	Monodisperse Calibration Aerosol
Clean Air Supply ~10-15 psi	None	3074B
Aerosol Generation Create polydisperse aerosol droplets	3073	3076
Conditioning and Flow Management		
Drying | to change wet polydisperse droplets into solid particles	3062	3062
Charge Conditioning | to yield a defined charge distribution	3088	3012
Flow Balancing | to match the supply and demand of air flow	1035575	1035575
Diluting *(Optional)* | to reduce the concentration	None	3082 + 3081A
Classifying *(Optional)* | to obtain monodisperse aerosol		
Flow Splitting | to deliver flow to multiple instruments	3708	

Model 3940A
All parts together create this model

Instrument performance is the cornerstone of data quality. Using calibration components from TSI® ensures that you're in the best position to move forward with confidence.

When accurate data is critical, TSI® has the instrumentation – and the knowledge that you need.

Unit Under Test (UUT)
Sizer or counter undergoing validation



Reference Detector
Sizer, counter or other detector, to which the UUT is compared

3068B, 3750, or 3938

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