



SEE PARTICLES LIKE NEVER BEFORE

A New Generation of 0.2 μ m Particle Counters

- ✓ 200nm to 10 μ m
- ✓ 10nm resolution
- ✓ Highest accuracy & repeatability
- ✓ Advanced on-screen analysis
- ✓ Truly portable
- ✓ Groundbreaking technology

TEILCH PARTICLE ANALYZERS

Specifications	Lite 103	Pro 202	Pro 203
Main uses	Cleanroom certification. Air quality and filter monitoring in household, office, industrial and healthcare environments		
Particle size range	0.2µm (50%) to 10µm, continuous		
Size channels	Unlimited number of channels. Capture size information for each and every single particle		
Supported standard	ISO 21501-4 (Instrument), US FED STD 209E and ISO 14644-1 (Cleanroom Classification)		
Sensor	High sensitivity, ultra-low noise and fully compensated		
Flow	0.04cfm	0.1cfm with internal flow meter (1% FS) and active flow control	
Light Source	High power, >10,000hr laser diode with active control. Full temperature compensation and stabilization		
Pressure	5 Pa noise-free resolution	115 kPa max, 1Pa noise-free resolution	
Humidity	5% to 95%, +2% external sensor	5% to 95%, +2% internal sensor	5% to 95%, +2% external sensor
Temperature	0-50C, +0.5C (external sensor for ambient)	0-50C, +0.1C (internal sensor for flow)	0-50C, +0.1C (internal sensor for flow) 0-50C, +0.5C (external sensor for ambient)
Display	3.5" Color LCD		
Operating Method	Touchscreen and single button		
Battery	9 hr continuous counting 15hr intermittent counting	User replaceable Li-Ion, 5 hr continuous counting, 10hr intermittent counting	
Storage	Internal memory	External SD Card and internal memory	
Connection	USB	USB, SD card	
Dimensions	74(W)x100(H)x30(D)mm	82mm(W)x137mm(H)x42mm(D)	
Weight	400gr (w/o accessories)	830gr (w/o accessories)	

Teilch particle analyzers show significant *advantages* when compared to existing solutions.

Welcome to the next generation of full spectrum particle analyzers.

Innovations in light source, flow control, electronics, components integration and software allow **Teilch** to provide state of the art equipment with an expanded market outside the semiconductor industry.

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