



SEE PARTICLES LIKE NEVER BEFORE

A New Generation of 0.2 μ m Particle Counters

- ✓ 200nm
- ✓ Highest accuracy
- ✓ Truly portable
- ✓ Highest repeatability
- ✓ Advanced on-screen analysis
- ✓ Groundbreaking technology

TEILCH PARTICLE COUNTERS

TCH Pro 202

Specifications

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
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	0.1cfm 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	115kPa max, 1Pa noise-free resolution
Humidity	5% to 95%, +-2%
Temperature	0-50C, +-0.1C (internal sensor)
Display	3.5" Color LCD
Operating Method	Touchscreen and single button
Battery	User replaceable Li-Ion, 5 hr continuous counting, 10hr intermittent counting
Storage	External SD Card
Connection	USB, SD card
Dimensions	82mm(W)x137mm(H)x42mm(D)
Weight	830gr (w/o accessories)

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

Welcome to the next generation of full spectrum particle counters.

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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