

For Plant Maintenance: Get the Big Picture with Extech's Video Particle Counter



VPC300

6-channel versatility; video recording and JPEG image capture; added environmental metrics.

Extech's VPC300 Video Particle Counter:

Designed for Routine Particle Testing & Challenging Troubleshooting:

- **Built-in Camera for Photo & Video:** Capture pictures or video of job sites for event documentation, reports, testing summary, communication with remote colleagues and more.
- **Comprehensive measurement:** Simultaneously measures and displays 6 channels of particle sizes (down to 0.3 μm)
- **Added Environmental Context:** Also measures Air Temperature, Humidity, Dew Point and Wet Bulb
- **Big, Bright Display:** 2.8" Full Color LCD Screen for easier readability
- **Store 5000 records & 20 minutes of video:** Internal memory expandable to 8 GB with microSD card (not included)
- **Report Software:** Create compelling reports with data, video and images
- **6 Channel Track 6 Particle Sizes:** 0.3, 0.5, 1.0, 2.5, 5.0, 10 μm
- **Quick data functions:** Max, Min, DIF, AVG record

What's Included:

- NIST-traceable calibration certificate
- Hard, protective case, Tripod and USB Cable
- 7.4V NiMH rechargeable battery
- Universal AC Adapter/Charger with multiple plugs
- PC software
- Filter
- 1-year warranty from a trusted brand

Compare the Competition:

- Video recording capability?
- Photo capture capability?
- 6 Channels (vs. 1 or 3)?
- Particle counter only OR additional environmental functions included?
- Temperature? Humidity? Dew Point? Wet Bulb?
- Internal and external storage (microSD) capacity expandable up to 8GB?
- Color display vs monochrome?
- Handheld with the option for standalone functioning (with tripod)?

For High Tech Manufacturing Industries:

- High precision equipment
- LCD, OLED and LED flat panel
- Semiconductor wafer fabrication
- MEMS
- Solid state disk (SSD) and hard disk drive (HDD) manufacturing
- Flat panel display facilities
- LED lighting and components
- Aviation and aerospace
- Solar panel arrays
- Cleanroom

Health & Pharmaceutical:

- Medical device & prosthetics manufacturing, Q&A, inspection
- Pharmaceutical manufacturing
- Compounding pharmacies, formulating pharmacies

For Food & Beverage Manufacturing observing GMP:

Aseptic package manufacturing for:

- Juice drinks
- Dairy (shelf-stable milk) and non-dairy (soy, almond, etc.) drinks
- Broths & soups
- Other aseptic "Tetra Pak®"-style processing lines

How it's used:

•Physical monitoring in manufacturing of:

- Particulate Matter (6 channels simultaneously)
- Temperature
- Relative Humidity
- Wet Bulb & Dew Point

•HVAC filter leak testing—ideal for HEPA systems

•Check cleanrooms for ISO Class 5 (Fed Std Class 100) or higher cleanrooms

•Inspection of processing equipment testing for particle sources

•“Good Manufacturing Practices” (GMP)—related predictive maintenance/inspections

