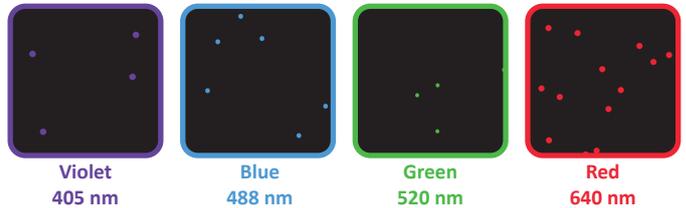


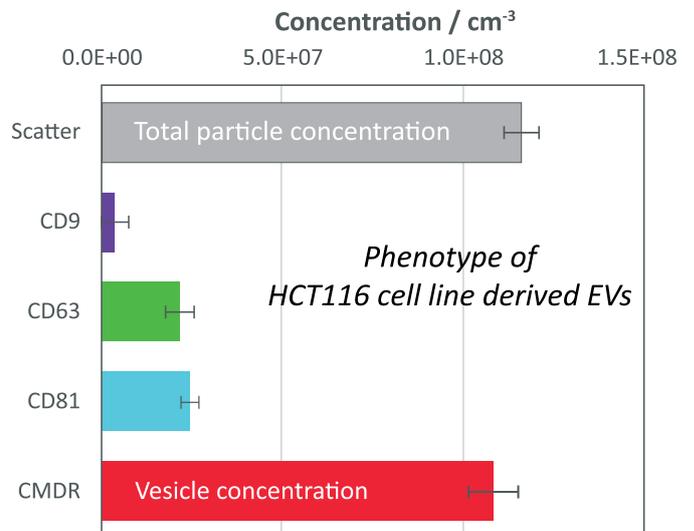
ZetaView® Multi laser systems TWIN and QUATT

Nanoparticle Tracking Analyzer
1 sample up to 5 NTA channels



Applications

- Extracellular Vesicles
- Multi-fluorescent Nanoparticles
- Nanobubbles
- Vesicles
- SPIONs
- Virus
- Q-dots
- and many more...



ZetaView® TWIN and QUATT

Multi-Fluorescence Nanoparticle Tracking Analyzer

Particle Metrix offers the versatility of the ZetaView® NTA on its well proven platform PMX-x30 keeping the instrument **upgradable** from one laser to four lasers. Changes between 405, 488, 520 or 640nm excitation lasers and between scattering and fluorescent modes are automated.

The movement and patterns of particles emitting scattered or fluorescent light are recorded in standard NTA or in Z-NTA surface charge electrophoresis mode. The new design of the PMX-x30 family with fixed cell assembly combines enhanced performance and reliable, error free measurements with simplicity and fast and easy instrument cleaning.

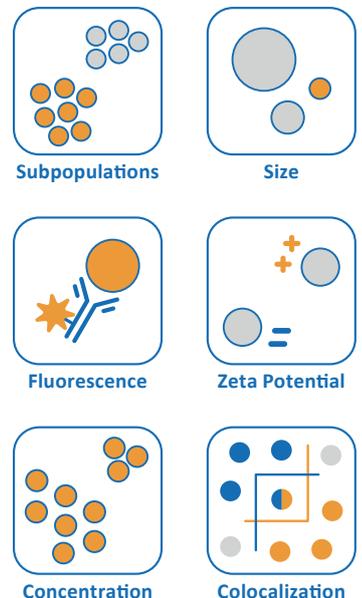
Key Features

★ **Concentration and size measurement of biomarker conjugated nanoparticles in fluorescence**

Up to 4 simultaneously built-in high-performance excitation lasers and a supersensitive CMOS camera in combination with 11 different fluorescence emission filters, short illumination times and anti-bleach technology makes ZetaView® F-NTA a powerful tool for seeing small vesicles and other nanoparticles even in fluorescence.

★ **Two in one - Surface charge Z-NTA and fluorescence F-NTA**

Both parameters, surface charge by Electrophoretic Motion Tracking (EMT) and fluorescent signals by F-NTA react on molecules, which may be conjugated to the surface. This option of combining F-NTA and Z-NTA in ZetaView® is unique. Optional sub-population analysis may deliver additional information.



Available ZetaView® Models

PMX-130 MONO Laser ZetaView®

PMX-230 TWIN Laser ZetaView®

PMX-430 QUATT Laser ZetaView®

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Innovation paired with cooperative spirit

