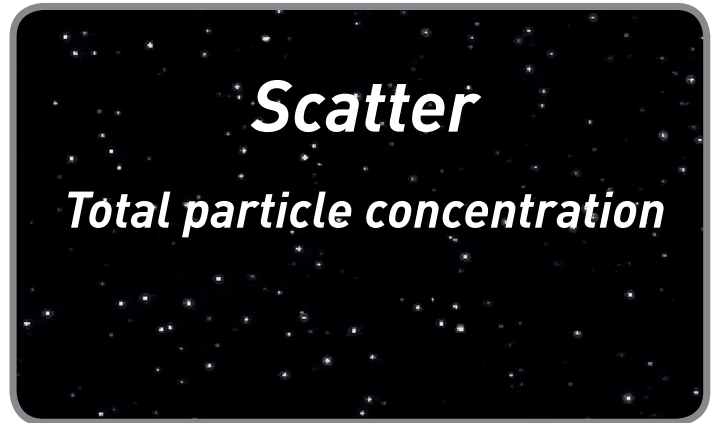
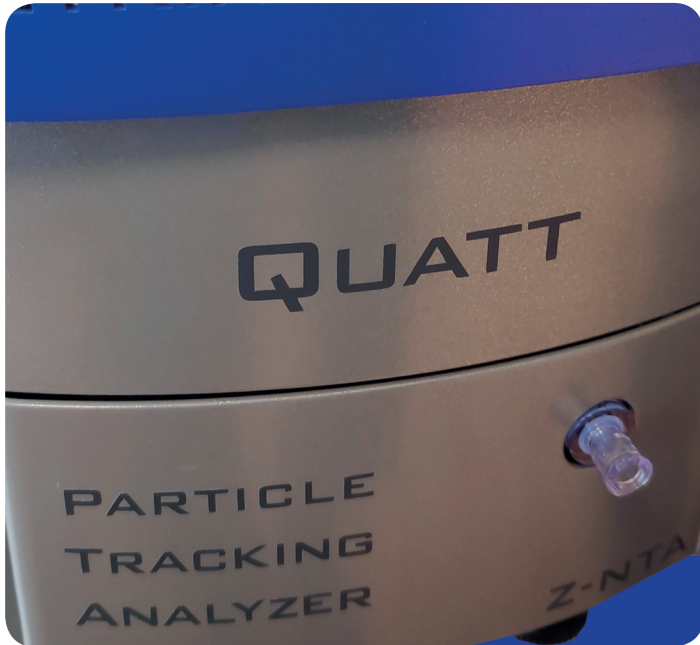


ZETAVIEW[®] QUATT

Nanoparticle Tracking Analyzer

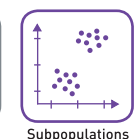
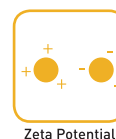
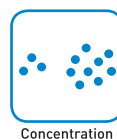
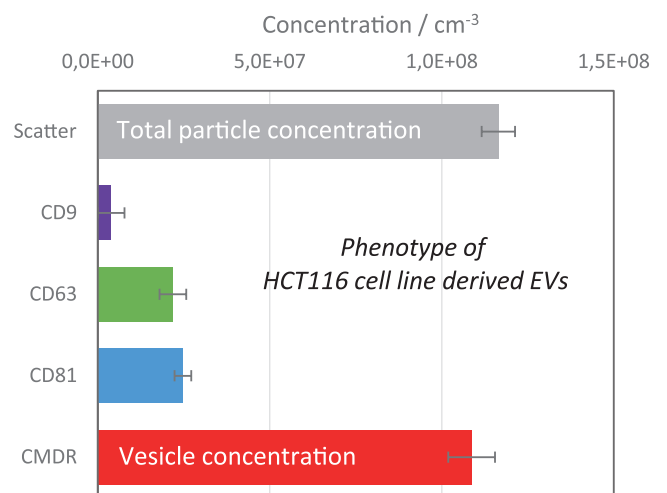
1 sample

5 NTA channels



Applications

- Extracellular Vesicles
- Nanoparticles
- Nanobubbles
- Vesicles
- SPIONs
- Virus
- Q-dots



ZetaView[®] QUATT

Multi-Fluorescence Nanoparticle Tracking Analyzer

Particle Metrix continues to expand the versatility of the ZetaView[®] NTA on its well proven platform PMX-120 keeping the instrument **upgradeable** from one laser to four lasers. Changes between 405, 488, 520 or 640 nm excitation laser and between scattering and fluorescent modes are automated. The movement and patterns of particles whilst emitting scattered or fluorescent light are recorded in standard NTA or in Z-NTA surface charge electrophoresis mode.

Key Features

Concentration and size measurement of biomarker conjugated nanoparticles in fluorescence –

A sensitive CMOS camera combined with high filtering capability, short illumination time and anti-bleach technology – makes ZetaView[®] F-NTA efficient to see small nanoparticles even in fluorescence.

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

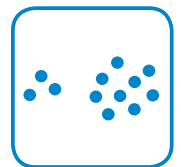
Both parameters, electrophoresis surface charge and fluorescent light react on molecules, which may be conjugated to the surface. This option of combining F-NTA and Z-NTA in ZetaView[®] is unique. Optional sub-population analysis may deliver additional information.

Available ZetaView[®] Models

PMX 120 MONO Laser ZetaView[®]

PMX 220 TWIN Laser ZetaView[®]

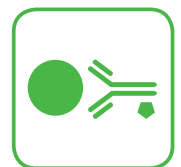
PMX 420 QUATT Laser ZetaView[®]



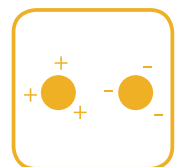
Concentration



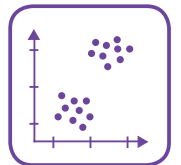
Size



Fluorescence



Zeta Potential



Subpopulations



Innovation paired with cooperative spirit

please contact us:

Head Office

Particle Metrix GmbH

Wildmoos 4

D-82266 Inning / Germany

+49-(0)8143-99172-0

info@particle-metrix.de

particle-metrix.de

US Office

Particle Metrix Inc.

1514 Saddle Club Road

Mebane, NC 27302 / USA

+1-(0)919-667-6960

info@particle-metrix.com

particle-metrix.com

Distributors world-wide