

ZetaView® TWIN/QUATT

For multi-wavelength F-NTA



Further expanding the versatility of the ZetaView® system, Particle Metrix now offers multi-wavelength fluorescence-NTA with the **ZetaView® TWIN** and **ZetaView® QUATT**, available with either two or four lasers respectively.

The new multi-wavelength TWIN/QUATT instruments have been designed to **enhance sample measurement specificity**. Through the addition of one or three extra lasers, the new instruments expand on the ZetaView's existing fluorescence capability, adding **multi-wavelength excitation** to its market-leading **anti-bleach fluorescence technology**.



This unique and exciting development allows up to four different fluorophores or dyes with different excitation/emission spectra to be detected on the same sample – enabling bio-marker ratios to be calculated, or simply a choice of which laser to use.

Multi-wavelength F-NTA reduces total measurement time, minimises the volume of sample required and improves experimental reproducibility. Furthermore, single-laser ZetaView instruments can be upgraded to TWIN or QUATT instruments aftermarket.

Key Benefits

- ✓ Enhanced fluorescence capability
- ✓ Calculate bio-marker ratios
- ✓ Combine with zeta potential
- ✓ Upgrade from MONO to TWIN or QUATT

Key Applications

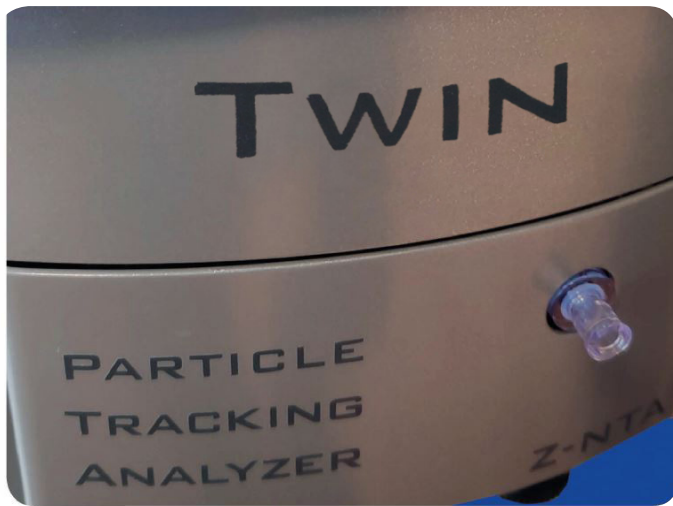
- Extracellular Vesicles (EVs)
- Nanoparticles
- SPIONs
- Viruses & Virus-Like-Particles (VLPs)
- Quantum-dots

ZetaView® TWIN/QUATT Standard Technical Data

For more details please see separate datasheets

Laser Sets

- QUATT laser wavelengths:
 - 405 nm
 - 488 nm
 - 520 nm
 - 640 nm
- TWIN: combine any two of the above



For more information on the ZetaView® TWIN or ZetaView® QUATT, or to discuss your requirements or upgrade options, please contact us.

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