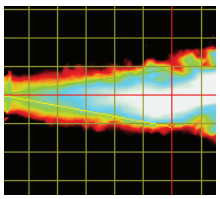
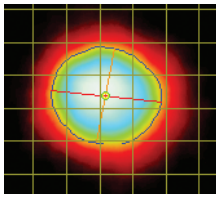
sprayVIEW®

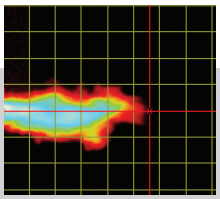
MEASUREMENT SYSTEM

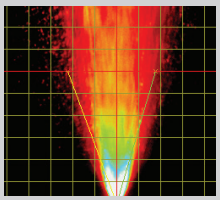
Accelerate Product Development for Successful Drug Delivery

SprayVIEW® Measurement Systems produce essential information to accelerate development for successful spray drug products. Spray Pattern, Plume Geometry, Plume Front Velocity, and Spray Duration measurements provide a rapid and sensitive screening tool for device design and formulation pairing.









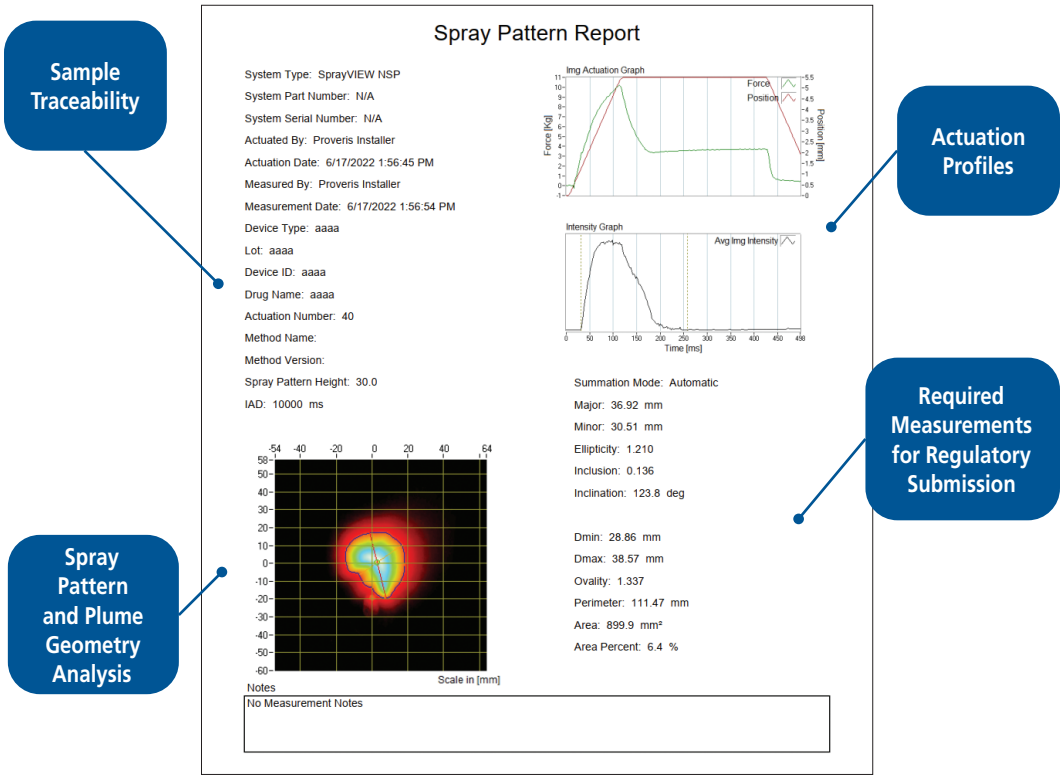
SprayVIEW Measurement System

- Single system for both Development and QC ensures seamless method transfer after regulatory approval
- Easily integrates with the complete family of high-performance Vereo® Automated Actuators to test the full range of orally inhaled and nasal devices
- Accurately characterizes spray and aerosol characteristics
- Robust analysis of spray pattern and plume geometry required by U.S. FDA compliance documentation (2003 BA/BE Draft Guidance), EMA/EDQM, and other regulatory agencies
- Performs plume front velocity and spray duration measurements for exploration of alternative approaches to the comparative clinical endpoint
- Greatly reduces bioequivalence development time for generic products
- Flexible system hardware configuration for testing both oral and nasal devices

proveris
SCIENTIFIC

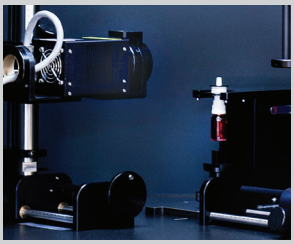
Viota® Software

- System control and calibration, data acquisition, analysis, and storage driven through single, powerful software application
- All required data about samples and spray data easily generated into a clear report format (image below)
- Technical controls to enable compliance with U.S. 21 CFR Part 11 regulations for electronic records, electronic signatures, audit trails, and data/system/user traceability
- Multiple instruments connect to central database for seamless lab integration
- Automated image analysis and guided workflow to ensure accurate results
- Version 9 update includes the ability to provide automated plume front velocity and spray duration measurements for pMDI and SMIs

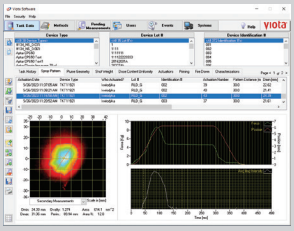


Available SprayVIEW System Models

Product No.	Model Name	Included Actuator	Intended Usage/Application
2201	SprayVIEW System NOSP	Vereo Actuator NSx	– Vertically actuated nasal spray devices – Vertically actuated oral spray devices, horizontally sprayed – Vertically actuated unit-dose, bi-dose nasal spray devices – Vertically actuated unit-dose, bi-dose oral spray devices
2220	SprayVIEW System NSSP	Vereo Actuator SSx	Side actuated nasal spray devices
2240	SprayVIEW System NDSP	Vereo Actuator DSx	Dual side actuated nasal spray devices
2250	SprayVIEW System SFpMDI	Vereo Actuator SFMDx	Pressurized metered dose inhalers



Automated system capable of 500+ measurements daily



Powerful, yet simple user interface and intuitive data presentation

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