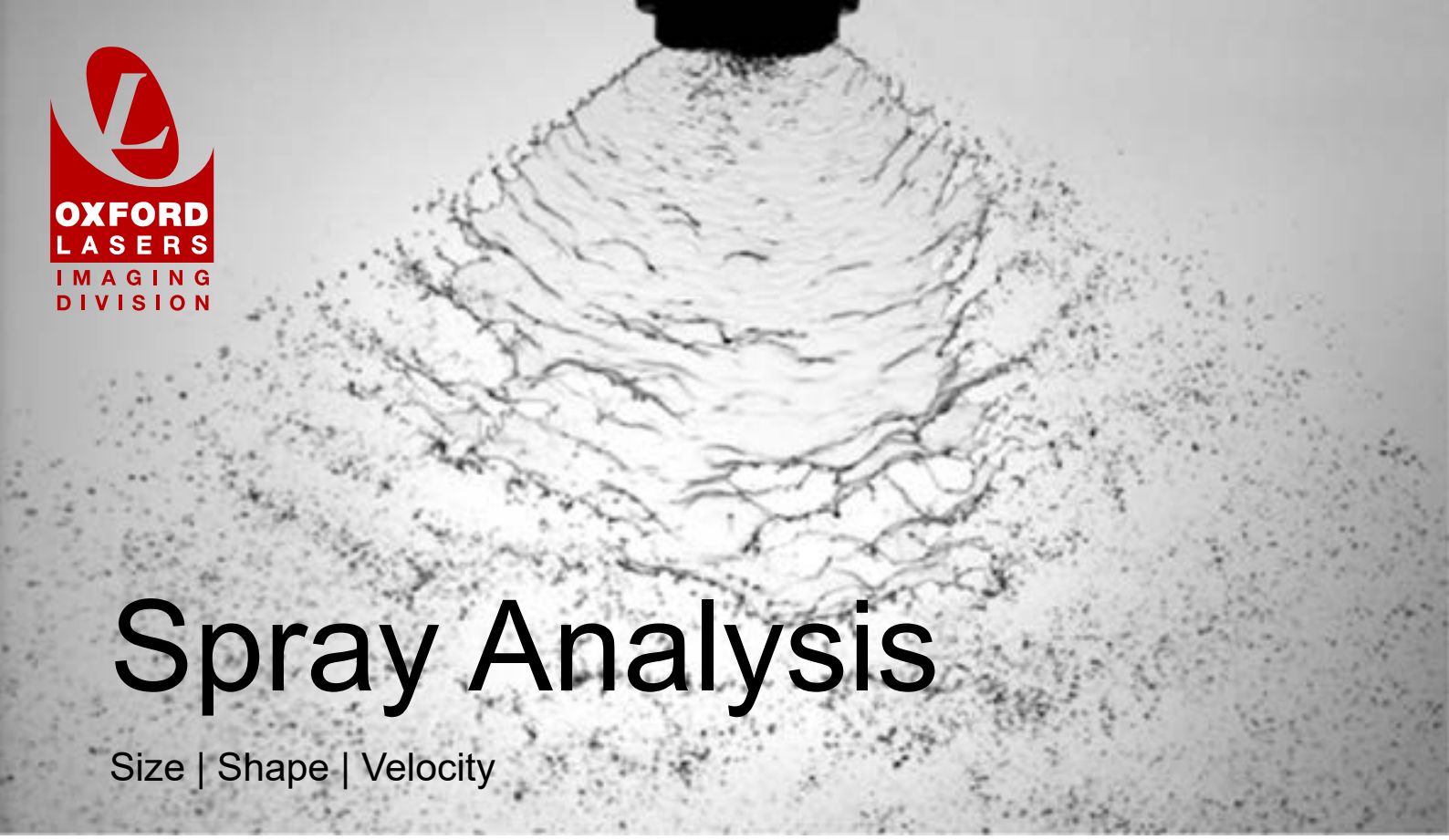
OXFORD LASERS
IMAGING DIVISION



Spray Analysis

Size | Shape | Velocity

High performance size and velocity analysis tool

- Long working distance
- Real time measurement
- Class I: laser eye safe
- Simple set-up, easy to use
- Industrial solution- stable, rigid, easy alignment

VisiSize

N60maX

VisiSize N60maX

Image based - Gain vital insight into your process with real-time analysis

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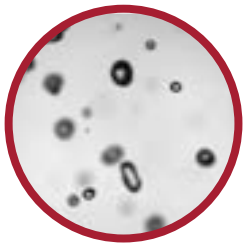
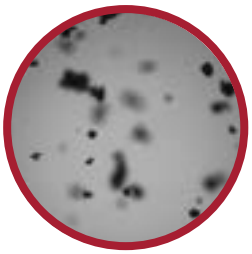
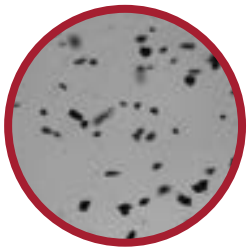
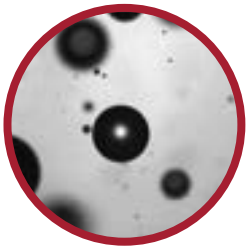
Built to handle ultra-fast moving sprays, the N60maX is designed to capture clear images of small particles travelling at up to Mach 3; few things move too quickly for the VisiSize N60maX


Droplets


Spray dried food product


Solid particles


Liquid in liquid droplets


Air inclusions in Agricultural spray

APPLICATIONS (partial listing)

- Pharma
- Fire suppression
- Vapour mitigation
- Automotive
- Food industry

A vast number of industries rely on sizing data from Oxford Lasers

STATISTICS REPORTED include: Mean diameter (by number, area or volume), Sauter mean diameter, 10%, 50% and 90% volume percentiles, Deviation, Relative Span.

SYSTEM SPECIFICATIONS

Application:	Analysis of ultra-fast moving micron scale droplets and particles
Velocity:	Yes
Size Range:	>2µm, subject to application/configuration
Maximum particle velocity:	1,500m/s (50µm diameter particle)
Image source:	Online, High resolution camera up to 15,000 particles/second in real-time mode.
Spray protection:	Stainless steel enclosure - IP66
Cable length:	7m liquid light guide 10m camera cable
Typical working distance:	>165mm, subject to application/configuration
Safety:	Class I, laser safe

Contact us today for a free evaluation of your imaging and sizing needs:

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