

# Spray Analysis

Size | Shape | Velocity

High performance size  
and velocity analysis tool

- Flexible - mobile unit
- Operate in difficult applications
- Real time measurement
- Class I: laser eye safe
- Simple set-up, easy to use
- Industrial solution- stable, rigid, easy alignment

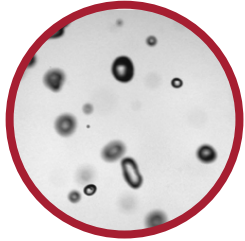


# VisiSize

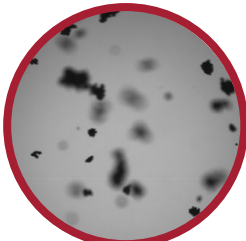


N60

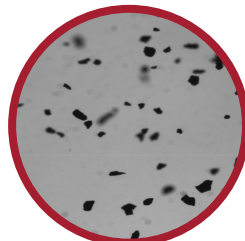
Built to handle ultra-fast moving sprays, the N60 is designed to capture clear images of small particles traveling at up to Mach 3; few things move too quickly for the VisiSize N60



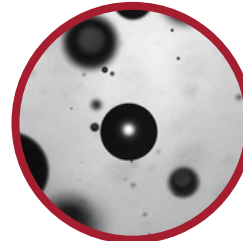
Droplets



Spray dried food product



Solid particles



Liquid in liquid droplets



Air inclusions in Agricultural spray



## APPLICATIONS (partial listing)

- Agrochemical
- 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:	>2 $\mu$ m, subject to application/configuration
Maximum particle velocity:	1,500m/s (50 $\mu$ m diameter particle)
Image source:	Online, High resolution camera up to 15,000 particles/second in real-time mode.
Spray protection:	Multi element cover - IP66
Cable length:	7m liquid light guide 10m camera cable
Typical working distance:	>65mm, subject to application/configuration
Safety:	Class I, laser safe

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

OXFORD LASERS Ltd.  
Unit 8, Moorbrook Park  
Didcot, Oxon OX11 7HP, UK  
Tel: +44 (0) 1235 810088

OXFORD LASERS Inc.  
2 Shaker Road, Unit A101  
Shirley, MA 01464, USA  
Tel: (978) 425 0755

OXFORD LASERS Inc.  
11 N. Market St. Suite 300  
San Jose, CA 95113, USA  
Tel: (408) 918 3095

OXFORD LASERS  
5 Rue des Suisses  
75014 Paris, France  
Tel: +33 (0)1 56 88 29 65