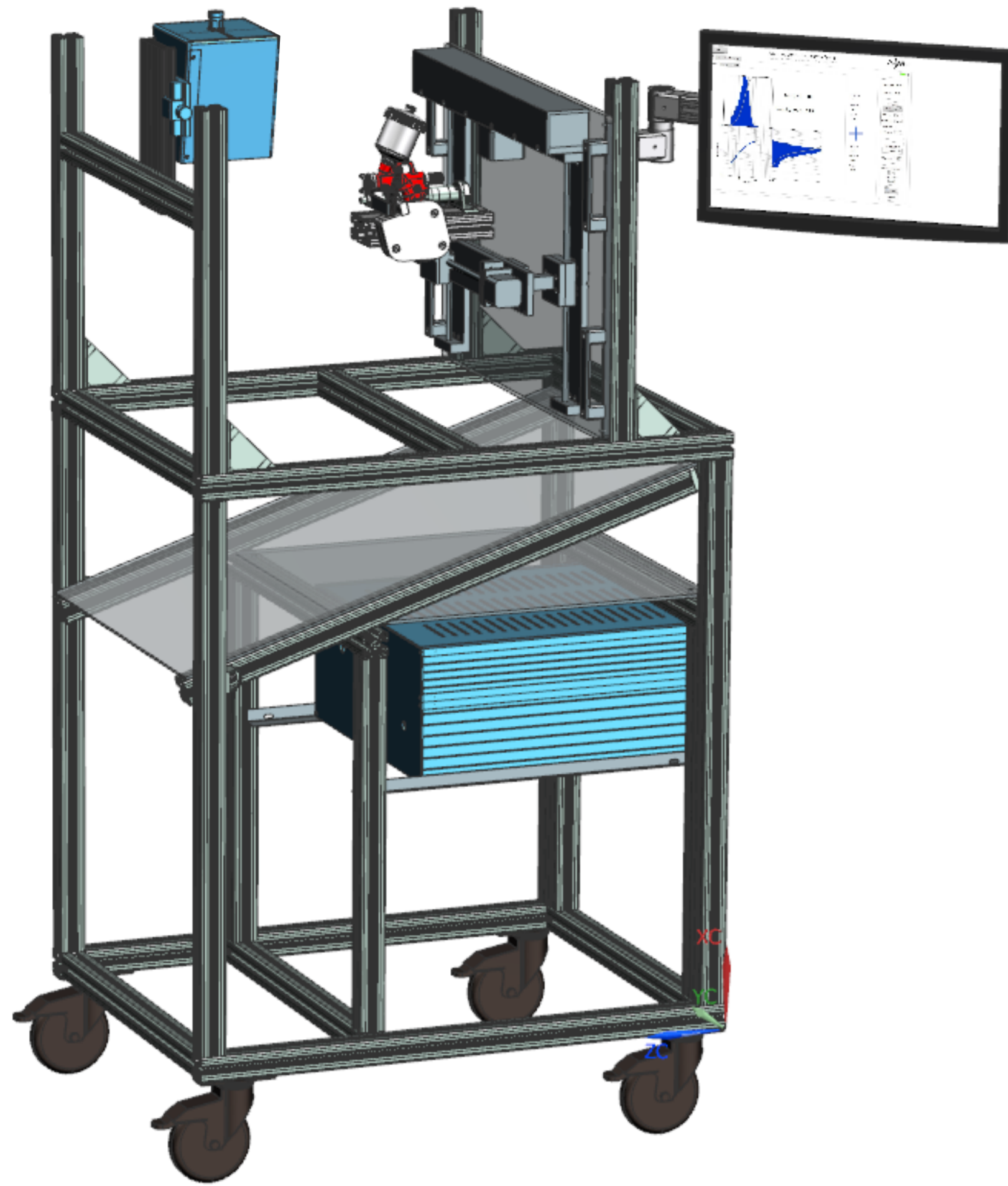


The Digital Spray Pattern

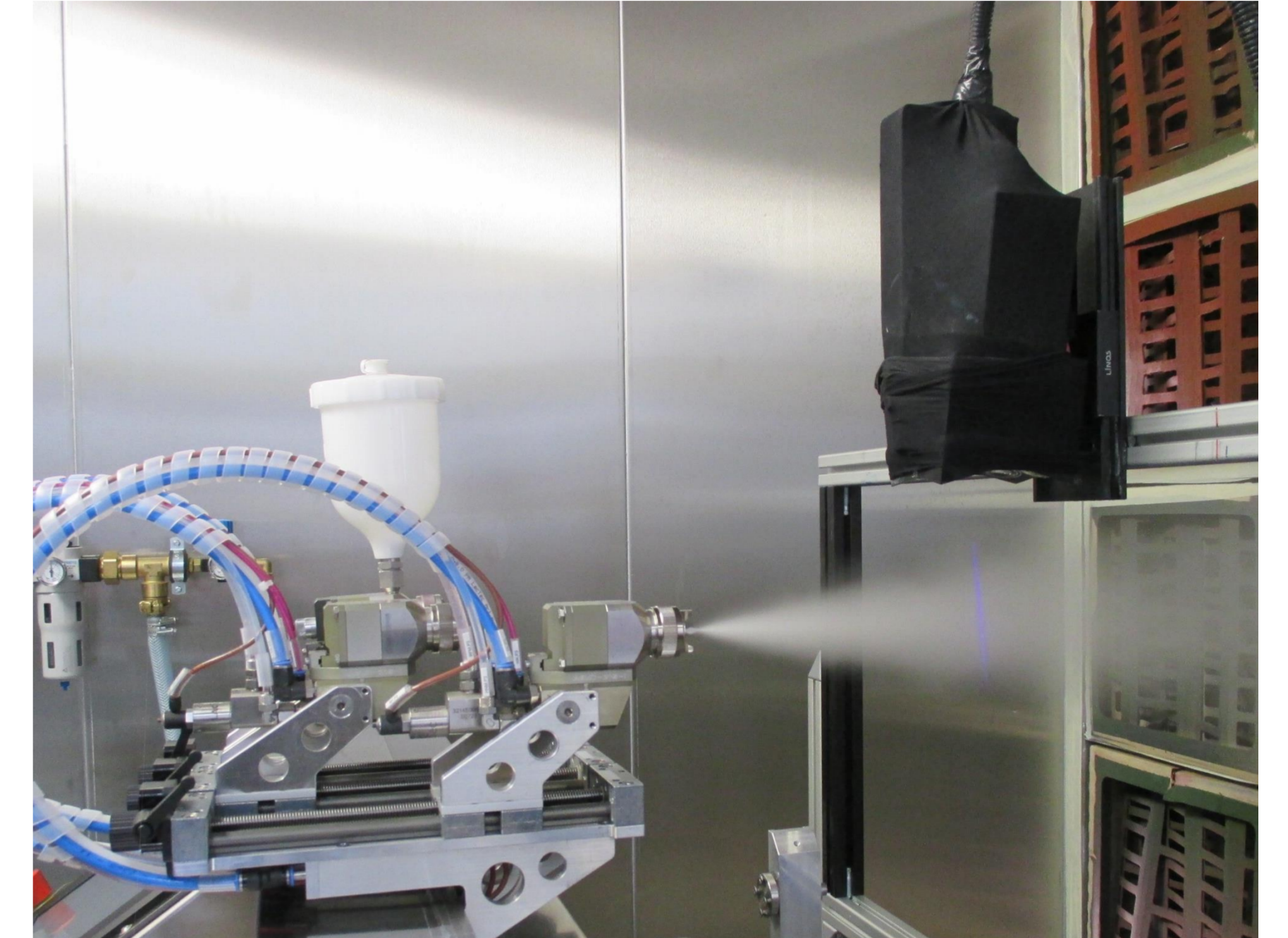
SpraySpy® – Automatic measurement of pneumatic spray atomizers. Clip your spray gun on the spray stand, use your desired paint to measure the sprayed droplets in size, velocity and momentum in 3-dimensions.

Measurement Setup



Example parameter

Gun	SATA jet 5000
Air cap	RP 1.2 W
Pressure	1.3 Bar
Paint	Black 2-components



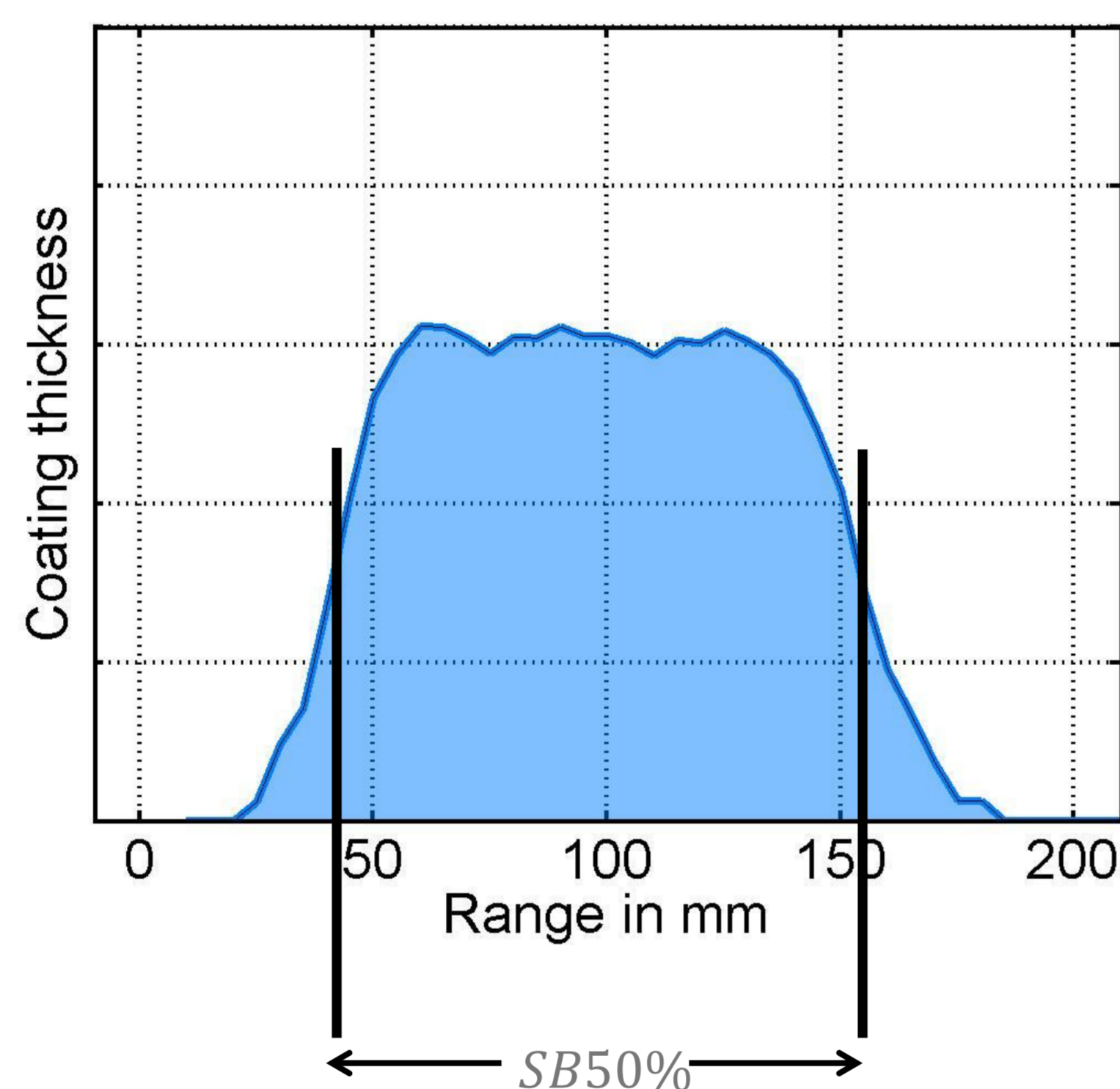
- Clip the spray gun on the spray booth
- The gun is triggered automatically
- The spray is completely analyzed by SpraySpy®
- Obtain results within seconds
- One click software solution

Measurement Results

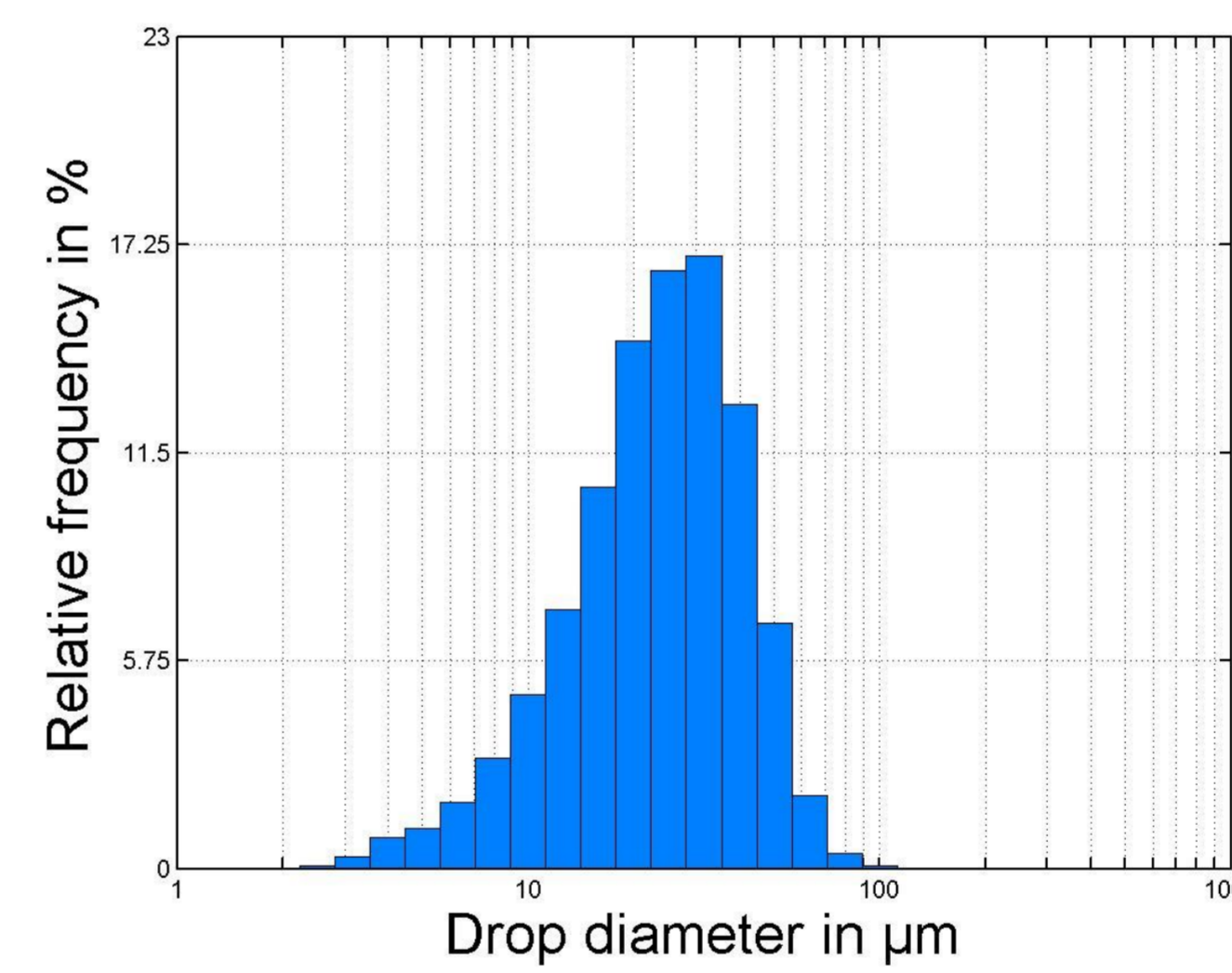
Measurement quantities:

- Drop size
- Drop velocity
- Drop impulse
- SB50%
- Spray angle
- Flow rate
- Digital spray pattern

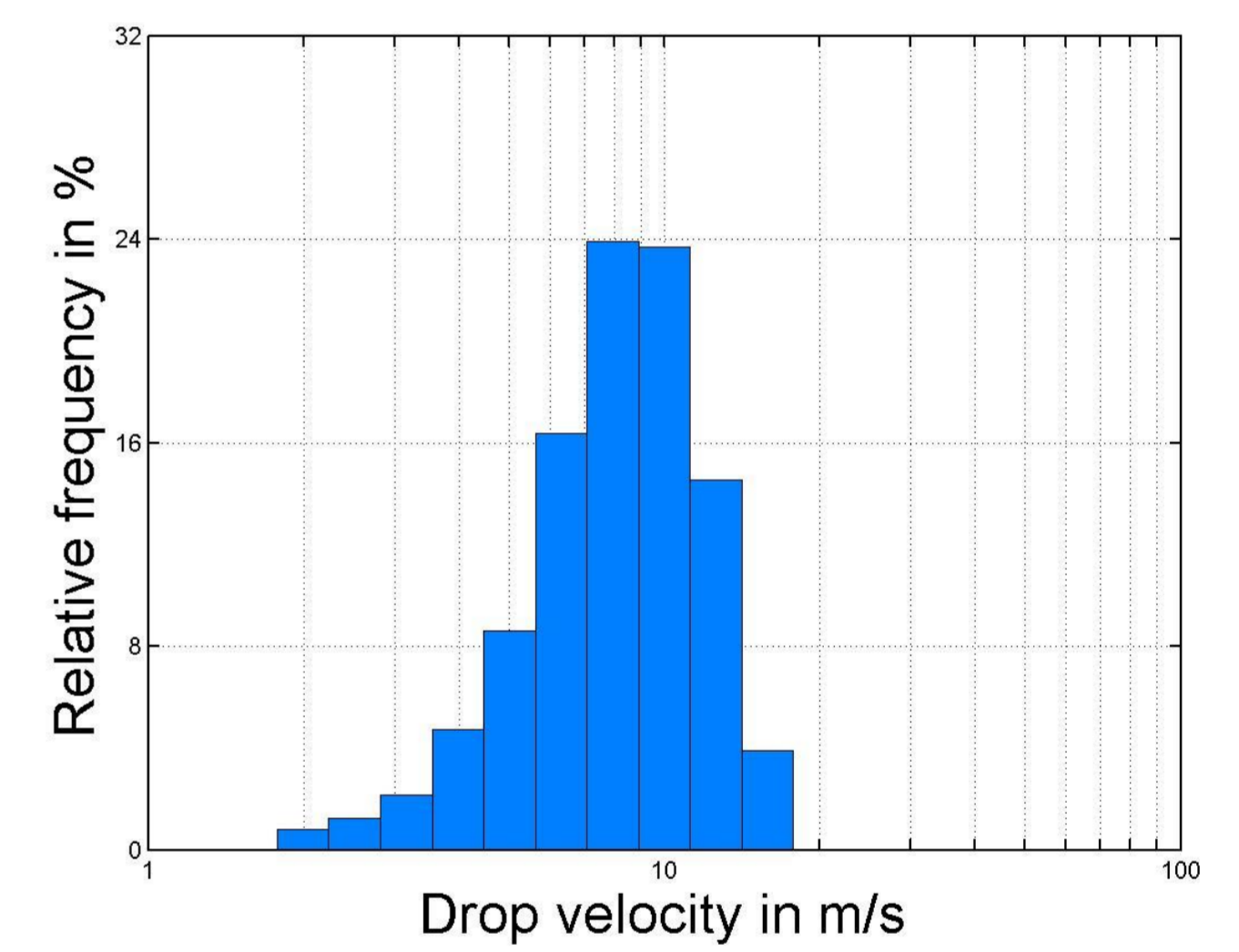
Coating thickness



Drop size distribution

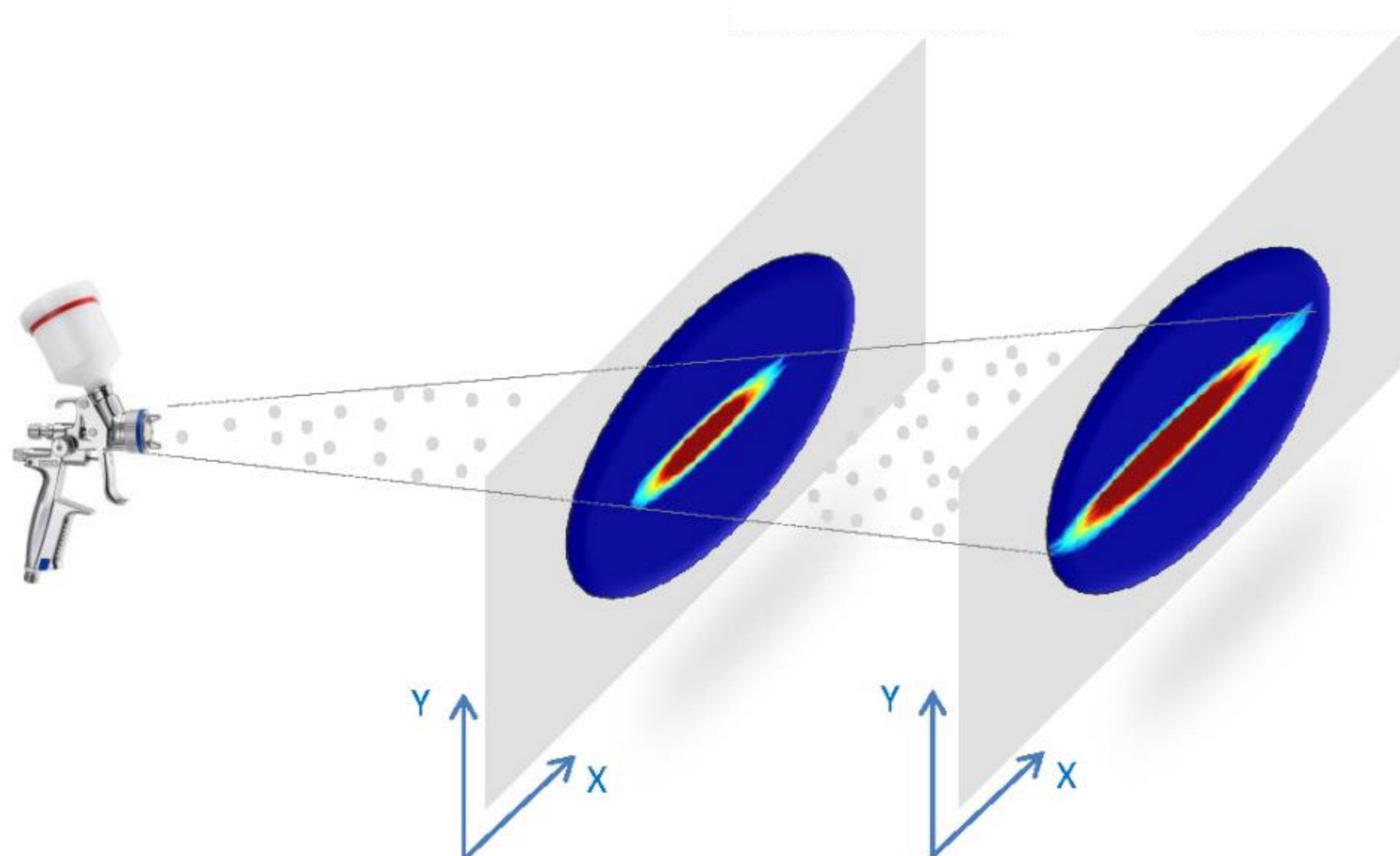


Drop velocity distribution

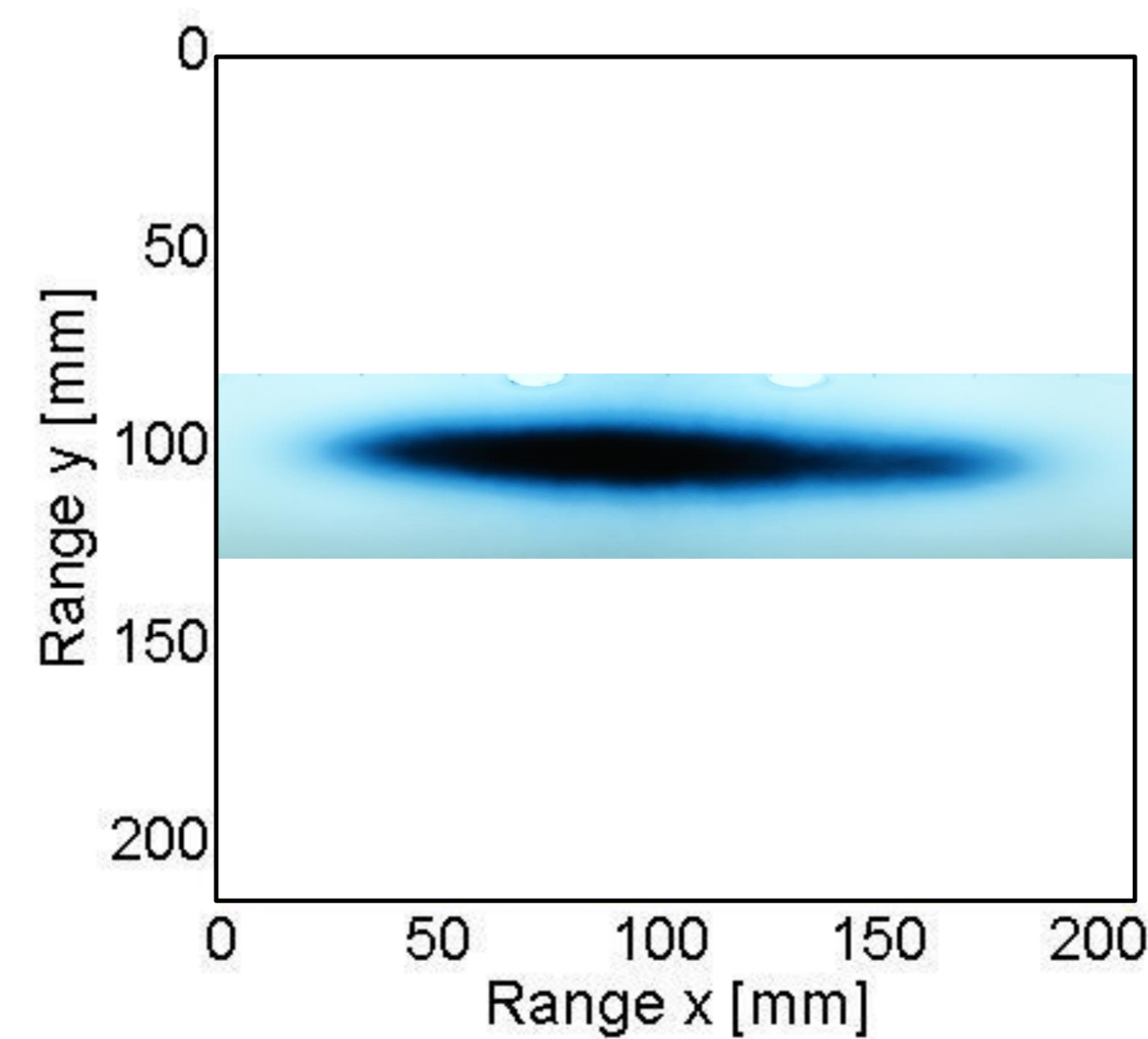


- Recognize spray errors at early stage
- Design your nozzles more efficiently
- Get additional information about your spray process

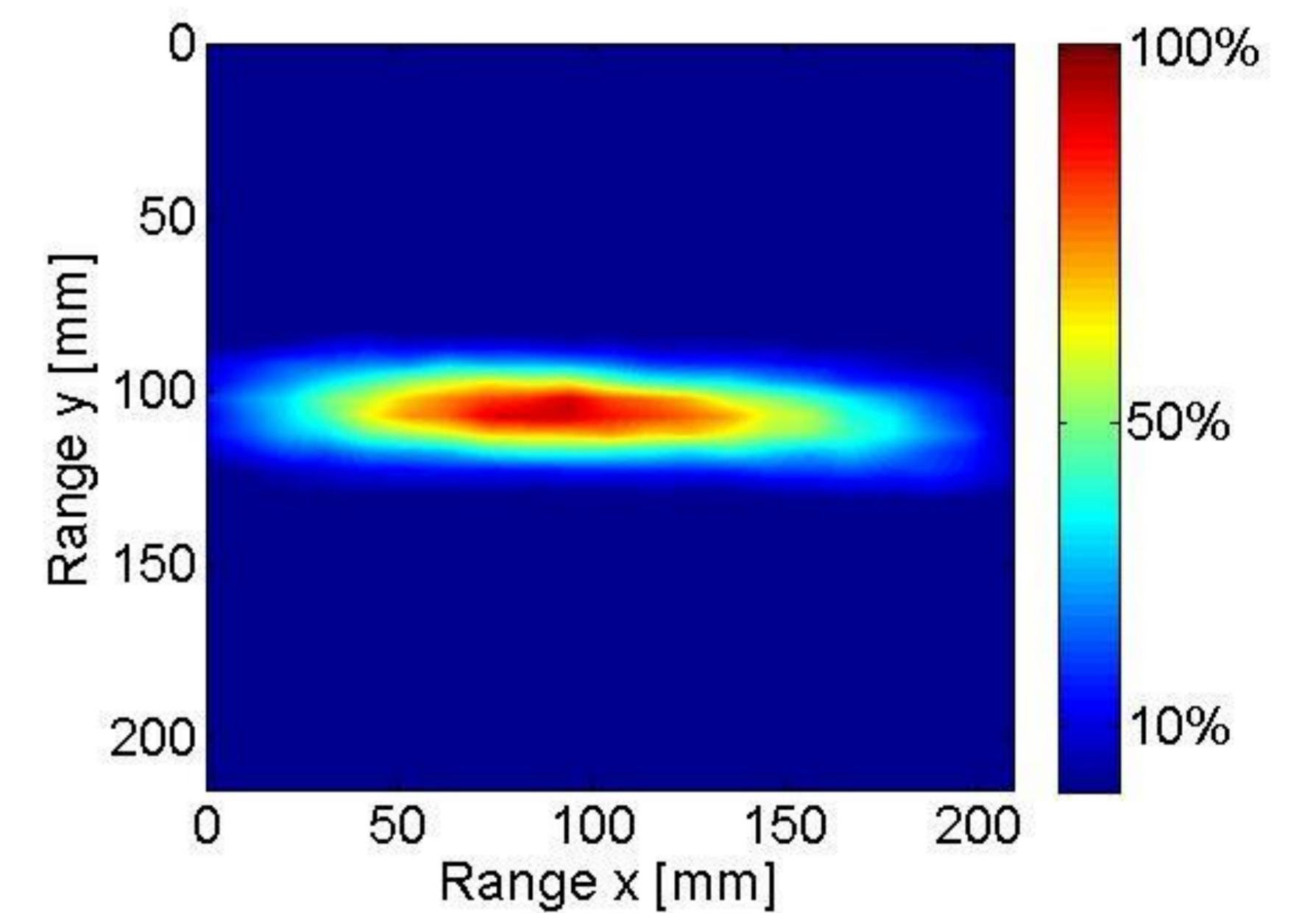
Digital Spray Pattern – Fully automated



Classic spray pattern on test panel



Digital spray pattern



- Digitalization of spray patterns
- Obtain an objective view about the spray pattern
- Quality check your nozzles