

## LY-9610

### Imaging Unit Accessory

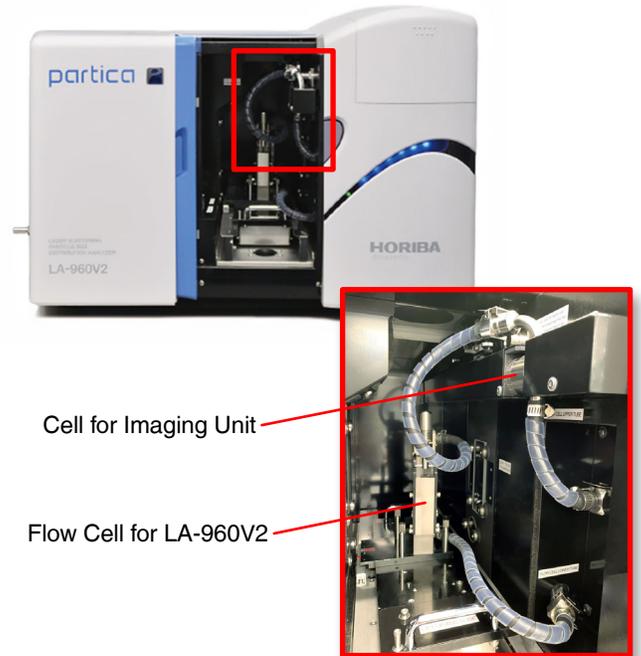
### See your particles!

Observe your particles in real time as they circulate in the Partica LA-960V2 wet system. Better understand your dispersions and extract image based shape and size information to complement your laser diffraction results. The small integrated unit fits neatly inside the Partica LA-960V2 without increasing the instrument footprint.

Example applications include:

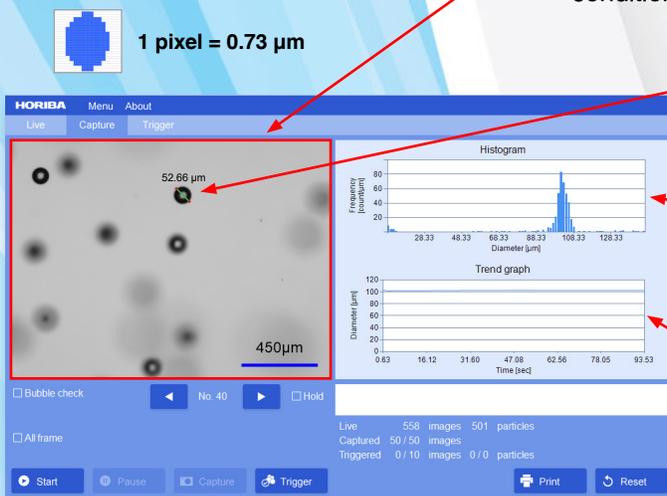
- Identify bubbles
- Verify existence of oversize particles
- Quantify particle shape

The separate software offers easy operation and full data export capabilities.



Cell for Imaging Unit

Flow Cell for LA-960V2



#### Real-time Images

Images give immediate feedback on suspension condition and can be captured for later review.

#### Size and Shape

The high resolution images are analyzed to determine particle size and shape parameters.

#### Live Histogram

Population in each size or shape bin are updated in real time.

#### Trend Graph

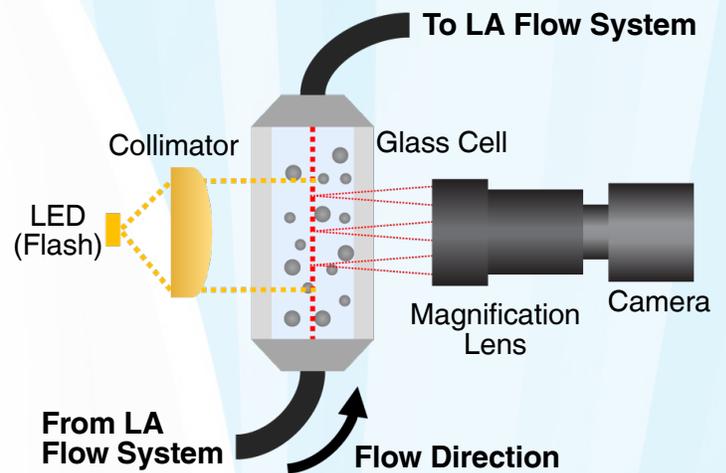
Monitor variation in median size with time.

## Features and Benefits

- Identify trace amounts of large particle contaminants or aggregates.
- Bubble detection.
- Improve your methods by developing an intuitive understanding of the effect of stirring, sonication, surfactant addition, etc.
- Detect large particles automatically.
- Shape distribution data (aspect ratio, circularity, length, width)\*.
- Detailed analysis of captured images.
- Monitor trends in size and shape with trend graph and histogram.

\* Additional software required

## Imaging Unit LY-9610



## Specifications

<b>Measureable Range for Image Analysis</b>	9 - 1000 $\mu\text{m}$
<b>Pixel Size</b>	0.73 $\mu\text{m}$
<b>Frame Rate</b>	$\geq 4$ fps



<https://bcove.video/2Bhuquw>



The HORIBA Group adopts IMS (Integrated Management System) which integrates Quality Management System ISO9001, Environmental Management System ISO14001, and Occupational Health and Safety Management System OHSAS18001. We have now integrated Business Continuity Management System ISO22301 in order to provide our products and services in a stable manner, even in emergencies.



**Please read the operation manual before using this product to assure safe and proper handling of the product.**

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