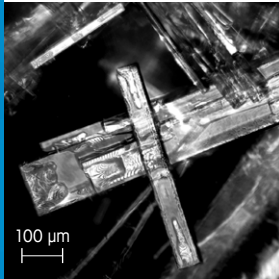


# View and Measure Particles In Situ and in Real Time



### New Experimental Insights

Capture high-resolution images of particles, crystals and droplets, as they exist in situ, to obtain deep process understanding for complex chemical systems. Study crystallization, precipitation, suspensions and emulsions at previously unobtainable levels of detail and reveal new insights that will power process-development decision making.



### Powerful Analytics

Transform EasyViewer into a powerful particle size analyzer using image analysis methods in iC Vision. Monitor process changes using simple analytics, or quantify particle size and shape with customized algorithms. Verify results by comparing data with collected images and use this combined information to design the right particles, faster.



### Breakthrough Usability

With a slim, lightweight probe and plug-and-play connection, EasyViewer makes setup and data capture effortless for processes under 100 mL. It has no field unit and requires no utilities, making it convenient to use in any lab. Smart focus and lighting controls alleviate the burden of manual interventions – saving time and boosting productivity.



### Confident Deployment

EasyViewer is built for frequent use and provides exceptional information after as little as 15 minutes training. The robust and modular design minimizes failure points and is 100% field serviceable. Full preventative maintenance is completed on site once per year, ensuring that scientists enjoy optimal uptime with no additional work.



## EasyViewer 100

EasyViewer™ 100 is a probe-based imaging tool that captures high-resolution images of crystals, particles and droplets as they exist in process. With its slim design, smart focus controls and plug-and-play connection, EasyViewer makes unattended image capture at small scales effortless. When combined with iC Vision™, an easy-to-use image analysis software, EasyViewer becomes a powerful particle size analyzer that can monitor process changes and quantify particle size and shape in real time. Exceptional information-gathering capacity combined with excellent usability makes EasyViewer a compelling tool that scientists will enjoy using to accelerate decision making and speed process development.

METTLER TOLEDO

# View and Measure Particles

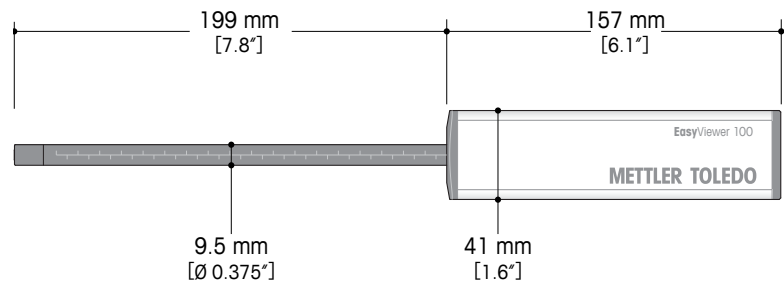
In Situ and in Real Time

## Technical Data

<b>Probe Wetted Material</b>	C22 Alloy
<b>Probe Window Material</b>	Sapphire, Gold seal
<b>Probe Diameter</b>	9.5 mm [0.375 in]
<b>Probe Wetted Length</b>	199 mm [7.8 in]
<b>Cable Length</b>	3 m [9.8 ft] (standard); 13 m [42.65 ft] (with USB extender)
<b>Weight</b>	0.66 kg [1.45 lbs] (probe and cables)
<b>Field of View</b>	1000 µm x 1000 µm (± 50 µm)
<b>Optical Resolution</b>	> 1.5 µm
<b>Probe Wetted Temperature Range</b>	-20 °C to 135 °C
<b>Probe Back End Temperature Range</b>	0 °C to 35 °C
<b>Probe Wetted Pressure Range</b>	0 to 3 barg
<b>Power</b>	USB Extender: 100-240V (auto-switching), 50/60 Hz, 1.7A
<b>Certification</b>	<b>CE/NRTL-C</b> Approved, Class 1 Laser Device, Compliant with 21CFR1040.10 and 1040.11 and IEC 60825-1.

\*EasyViewer 100 is not rated for explosive locations.

## Probe Dimensions



[www.mt.com/EasyViewer100](http://www.mt.com/EasyViewer100)

For more information

**METTLER TOLEDO Group**  
Automated Reactors and *In Situ* Analysis  
Local contact: [www.mt.com/contacts](http://www.mt.com/contacts)