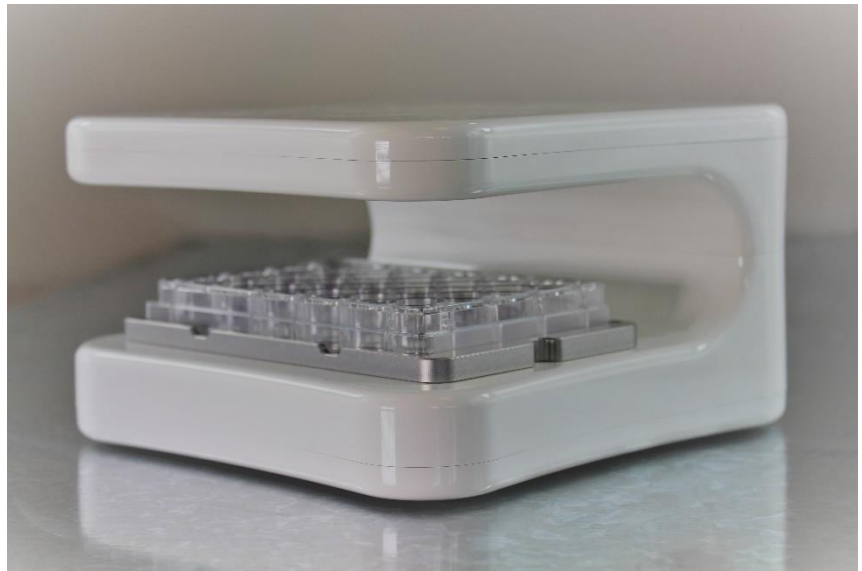


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## Incubator microscope for live cell imaging

zenCell owl



**View your cell culture in real-time**  
**24 mini-microscopes observe your assay inside your incubator**

The zenCell owl is a real-time incubator microscope system. Inside, 24 mini-microscope enable a new simultaneous observation of your cell culture. Use your own incubator and your standard laboratory computer. Setting up the zenCell owl in less than a minute, just connect the zenCell owl via USB 3.0, install our software and let's go. You do not need additional power support. Leave the cells in their defined conditions and monitor them from outside. This live cell imaging microscope provides easy, safe and cost-effective determination and monitoring of cell cover and cell number. Start your project and capture the images of your cell culture in your individual frequency. Create a time-lapse video or export a dataset for your scientific paper.

The small size of the zenCell owl – about the size of a standard cell culture plate – leaves enough space in the incubator for your other cell culture products or more zenCell owl systems. Be excited to use it parallel with other experiments at the same time. The housing is completely closed and sterilizable with Isopropanol or common medias for wipe cleaning. Get a better view on your application. For example:

- Documentation and determination of cell growth
- Determine influences on your cell culture by compound addition
- Migration assays
- Stem cell observation
- *And many more*

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## Technical data / Equipment

**Package content**  
**incubator microscope**  
**USB cable**  
**adapter for 24 well plate**



Art.-Nr. 310100

### General technical data

Power supply	5 V
Connection	USB 3.0
Field of view	1,2 mm x 0,9 mm
Magnification	600X
Image Resolution	5 MP
Export Formats	Picture: PNG/JPEG Dataset: EXCEL
Light Source	LED
Camera	5 MP CMOS
Optical Filters	No Filters
Operating Environment	20°C- 45°C 20% - 95% Humidity
Sterilizable	Isopropanol Ethanol
Software incl.	Cell coverage
Algorithm	Cell number (fibroblasts)
Measuring rate	2 min. – 24 h.
Dimension (W x H x D)	180 mm x 105 mm x 180 mm
Weight	1050 g
Warrenty	1 year

Version 1: Changes, including technical, reserved. 01.06.2018

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