

Product Information

Product Name	Oculus FW
Year of Manufacture	2019
Model	OCU-FW
App-Version	1.1.0
Weight	167g
Dimensions	Width 70mm Depth 59mm Height 87mm



Operating elements:

- Focus and fixing knob
- Switch for turning device on and off
- Android app (for phones or tablets)

Accessories delivered:

- 2 sample chambers (Ibidi GmbH)
- Cleaning bellows
- Measuring cylinder (100ml)
- Cleaning cotton swabs
- 10 disposable Pasteur pipettes
- 10 reaction containers (2ml)
- 3 plastic syringes (5ml)
- Methylene violet staining solution (10ml)

Product functionality:

Automated cell counter Oculyze FW can be used with an Android mobile device and the Oculyze app (available in the Android Play Store), allowing the user to view yeast cells with 400X magnification. A current list of compatible devices is available at: <https://www.oculyze.de/en/device-compatibility/>. The app sends any recorded images to a central server, where they are then analyzed using the Oculyze software. Within seconds, the results are then displayed on the app.

Operating conditions

- Yeast cell count and viability measurement for *Saccharomyces*
- Optimal range is 8.5×10^5 - 3.5×10^7 cells/ml
- Measurement to be performed by trained adults only

Work environment

- Dry area (maximum 80% humidity), 10-40°C
- Altitude maximum 2.000 meters above sea level
- Data connectivity required for automatic analysis (WLAN or LTE recommended)

Safety, Compliance, and Disposal Information

EU: This device is marked with the CE mark. This mark indicates compliance with CE Directive 765/2008. This device is subject to the RoHS and WEEE Directives (WEEE-Reg.-Nr.: DE 31235761). Do not dispose of this device in the regular trash; send it back to Oculyze GmbH for disposal.

US: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
1. this device may not cause harmful interference, and
2. this device must accept any interference received, including interference that may cause undesired operation.

Canada: This device complies with Canadian ICES-005. Cet appareil est conforme à la norme NMB-005 du Canada.