

Product Information

Product Name	Oculyze BB 2.0B
Year of Manufacture	2021 - 2025
Model	OCU 2B
Weight	167g
Dimensions	Width 69mm Depth 60mm Height 93mm



Operating elements:

- Focus and fixing knob
- Switch for turning device on and off (on the back)
- Web-App or Android-App used for automatic image analysis

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:

The Automated cell counter Oculyze BB 2.0 can be used with any most web connected device with a web-browser such as a laptop or PC (PC, Mac, Linux) using our WebApp (available at <https://webapp.oculyze.net/>) or with an Android mobile device and the Oculyze app (available in the Android Play Store).

A current list of compatible devices can be found here: <https://www.oculyze.net/resource/compatibility-overview/>

Either 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 strains
- 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 52334949). Do not dispose of this device in the regular trash; send it back to Oculyze Automation 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.