

... and this is anvajo. Nice to meet you!

We are a Dresden-based biotech company that develops, manufactures and sells innovative solutions such as the fluidlab R-300. Originally started at TU Dresden, we can now look back on 7 years of innovative research and successful product development with uninterrupted growth. We are very passionate about our mission to provide a platform for accessible, user-centric lab testing for everyone, everywhere. Therefore your feedback is super valuable to us.

Feel free to reach out to us with questions or comments anytime!



Our managing director and founder, **Stefan Fraedrich**, studied electrical engineering at TU Dresden and NTNU Trondheim with focus in photonics and signal processing. He is especially interested in bringing new manufacturing technologies to optics and it's applications to medicine and life science.

Need more information? Visit our website!



Technical Specifications

Cell Counter

Imaging Method	Digital Holography
Analysis Method	Machine Learning Classifier
Field of View	2.3 mm x 2.3 mm (5.3 mm ²)
Cell Size Limits	3 - 80 µm (cell count), 8 - 80 µm (viability)
Cell Concentration Limits	1 x 10 ⁴ - 1 x 10 ⁷ cells/mL
Compatible Sample Carriers	anvajo acella slides (various types available)

Spectrometer

Light Source	Multiwavelength LED Module
Wavelength Range	375 nm - 700 nm
Spectral Bandwidth	< 2 nm
Photometric Measuring Range	0 - 2.5
Compatible Sample Carriers	Standard Cuvettes

Device

Dimensions	128 mm x 94 mm x 33 mm
Weight	240 g
Battery Runtime	5 hours*
Display	3.5" Color Touch Screen
Connectivity	802.11 b/g/n Wireless LAN
Input Voltage	5 V DC via USB-C Power Adapter
Power Adapter	100 V - 240 V AC 50/60 Hz
Data Storage	Internal Flash Memory

* = Battery claims depend on network configuration and many other factors; actual results will vary. Battery has limited recharge cycles and may eventually need to be replaced by anvajo. Battery life and charge cycles vary by use and settings.

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Hi!
I'm fluidlab



Tech Specs on the back

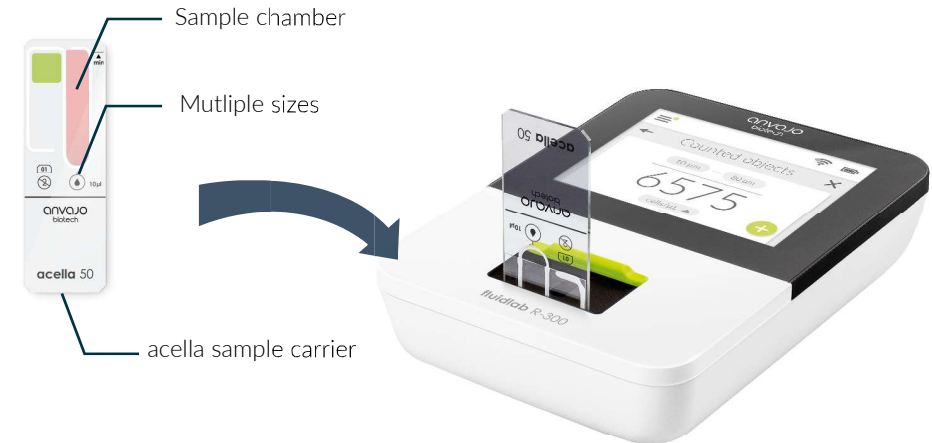


Enhance your fluidlab with our datalab:

- Simultaneous connection via WIFI or Hotspot
- Access to raw data and data-export
- Multi-user & location independent access
- Free download on anvajo.com



Cell Counter



To be used for:

- Staining-free viability measurements possible with digital holographic microscopy
- Automated cell count in under 20 seconds, e.g. cell cultures, biobanking, quality control and more



Key benefits:

- Automated image recognition and focus
- Large FoV for high statistic reliability
- Small sample volume needed (4-20 μ l)