

Technical specifications

Camera	5 Mpx (CMOS, zoomx64)
Camera resolution	2592x1944 px
Power input	100-240 V / 50-60 Hz
Dimensions	24x20x25 cm
Weight	2,5 kg
Minimum size of detected colony	0,05 mm
Plate size	55 mm, 90 mm
Count speed	<0,5 sek.
Report formats	.xls, .jpeg, .png, .pdf (optional integration with the Client's internal system)
Software languages	Polish, English, German, French
Photo and result archiving	yes
Barcode scanner	yes
USB connection/cable	yes

Minimum hardware requirements

Operating system	Windows 7
CPU	Intel atom
CPU clock speed	1,2 GHz
RAM	4 GB
Other requirements	USB 2.0 compatible USB port
Display resolution	1366x768

Warranty

Warranty after registration	3 years
Software update after registration	3 years
Lifetime post-warranty service	paid

Package content

- ➔ 1 device
- ➔ Software on a USB 2.0 medium
- ➔ Connecting cables
- ➔ 2 validation plates

Interested?

Please visit our web page www.bioavlee.com
or contact us via email: contact@bioavlee.com

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BIOAVLEE™

NEW STANDARDS IN BIOTECHNOLOGY



QUANTICA 500™

AUTOMATIC COLONY COUNTER



**European
Funds**
Smart Growth



**Republic
of Poland**

European Union
European Regional
Development Fund



QUANTICA 500™

Quantica 500 is an automatic colony counter created for a wide range of clients.

It is more effective, faster and cheaper compared to competitive solutions. A clear and friendly interface makes it easy to use.

Quantica 500 automatically counts colonies of microorganisms in quantitative analysis during microbiological tests, and owing to an efficient algorithm, it correctly distinguishes and counts even the merged colonies.



Technological advantages of Quantica 500

- Automatic separation of merged colonies (in terms of sizes and colours).
- Ergonomic housing.
- Counting on enrichment, selective and chromogenic media.
- User-friendly software.
- Manual adding and removing colonies.
- Three lighting modes (eliminating the influence of external lighting).
- Pre-programmed settings for different types of media.
- Image parameters automatically optimised by the software.
- A possibility of excluding polygonal zones from the count.
- Automatic recording and printing of data, photos and results.
- Automatic adjustment of the counting level and area.

Additionally Quantica 500+ allows:

- Determine the growth inhibition zones (according to the EUCAST and CLSI).
- Identify antimicrobial susceptibility disks.
- Scan barcodes.

