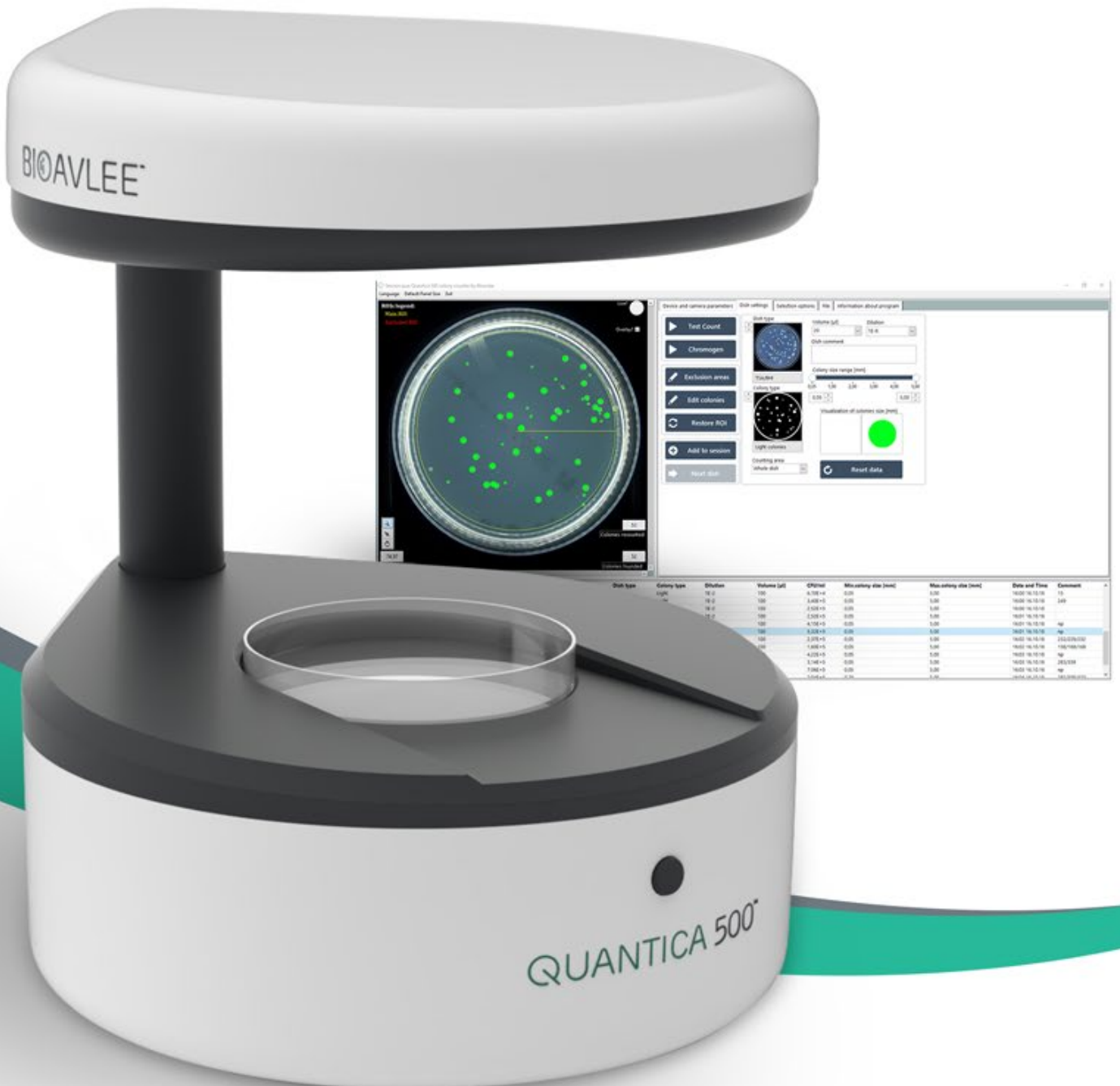


BIOAVLEE™

NEW STANDARDS IN BIOTECHNOLOGY



QUANTICA 500™

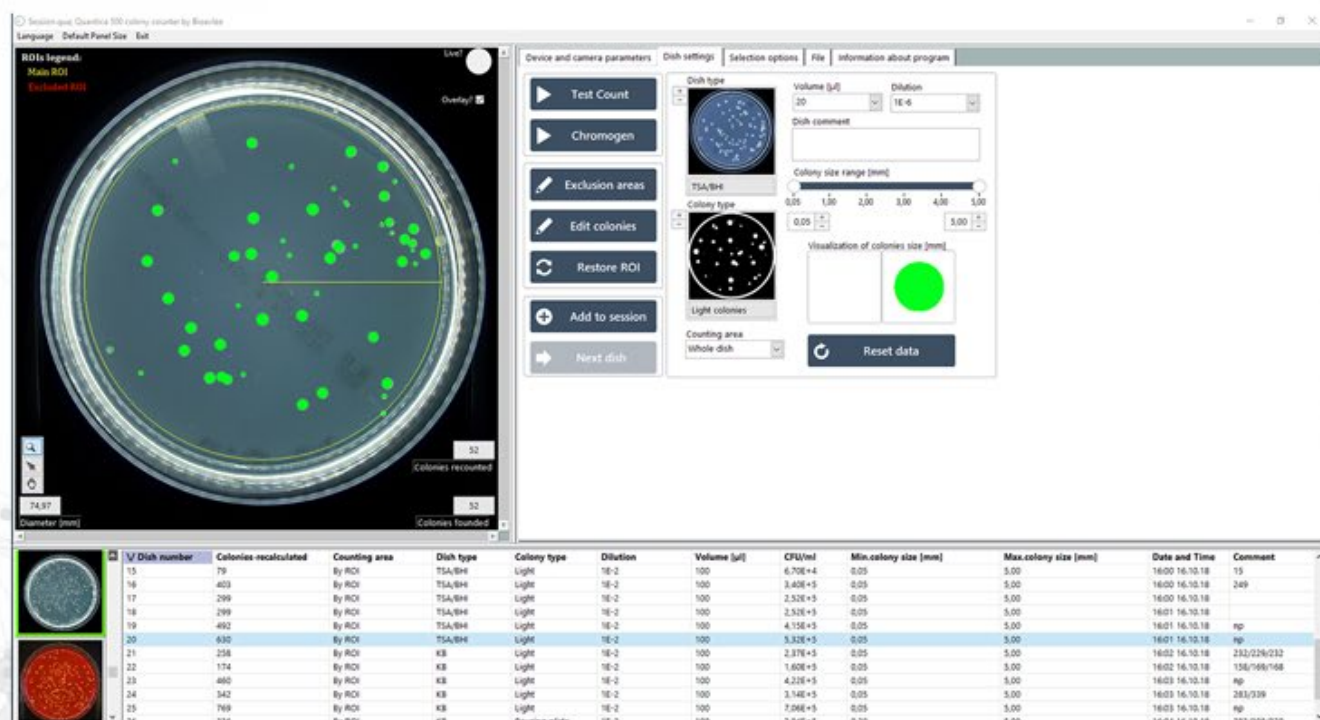
AUTOMATIC COLONY COUNTER

QUANTICA 500™

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

Uniquely designed it features the highest-resolution camera among similar systems, an adaptive LED-based lighting to match different types of petri dishes, and a powerful yet user-friendly software.

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 merged colonies.



Technological advantages of Quantica 500™

- Automatic separation of merged colonies (in terms of sizes and colours).
- Counting on enrichment, selective and chromogenic media.
- Manual adding and removing colonies.
- Pre-programmed settings for different types of media.
- Ability to create exclusion zones of any shape and size
- Ergonomic housing.
- User-friendly software.
- Three lighting modes (eliminating the influence of external lighting).
- Image parameters automatically optimised by the software.
- Automatic recording and printing of data, photos and results.
- Adjustment of the counting level and area.

Additionally,
Quantica 500+™
allows for:

- measuring inhibition zones (according to the EUCAST and CLSI),
- identifying antimicrobial susceptibility disks,
- scanning barcodes.



Technical specification

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	up to 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 results 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
- Connecting cables
- 2 validation plates

Interested?

Visit our website www.bioavlee.com
or contact us via an email:
contact@bioavlee.com

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