

QUANTICA 500+ TECHNICAL SPECIFICATIONS

**Quantica 500+** automatically performs microbial colony counting for quantitative analyses during microbiological testing. Thanks to an optimised algorithm, the device correctly separates and counts all colonies, including merged colonies.

- ➔ Ergonomically-designed housing
- ➔ User-friendly software
- ➔ Three lighting modes (eliminating external light interference)
- ➔ Automatic optimisation of image parameters by the software
- ➔ Automatically records and prints data reports, pictures and results
- ➔ Automatically adjusts counting area and sensitivity
- ➔ Automatically separates clustered colonies similar in size and colour
- ➔ Counts colonies on enrichment and selective media, chromogenic dishes and spiral plating
- ➔ Manual selection and removal of colonies
- ➔ Pre-sets for different types of plating
- ➔ Measures inhibition zones (EUCAST and CLSI compliant)
- ➔ Identifies antimicrobial discs
- ➔ Supports creation of polygonal exclusion zones

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
Supports colony counting on	enrichment and selective media, chromogenic dishes and spiral plating
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 SYSTEM 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	available for an additional fee

DELIVERY INCLUDES:

- ➔ 1 device
- ➔ Software on a USB 2.0 drive
- ➔ Connector cables
- ➔ 2 validation plates

