

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, and chromogenic dishes
- ➔ Manual selection and removal of colonies
- ➔ Pre-sets for different types of plating
- ➔ 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
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

