

schuett colonyQuant Automated Colony Counter, schuett-biotec

Rapid and reliable. Counting of bacteria colonies and bacteriophage plaques within seconds. Tremendous assistance and high user friendliness.

The light-proof closable sample chamber with colour camera (autozoom/autofocus) provides a format-filling display of the Petri dish. State-of-the-art LED-lighting technology allows for variable lighting, i.e. on 3 sample levels with lighting from top, from the side and from below. The lateral illumination of the agar surface provides a so-far unknown transparency and different-tiation of the colonies on the agar.

Unique features:

- Windows®-surface
- For Petri dishes with Ø 60 and 90 mm
- Selection according to parameters – colour, size and shape, in any combination
- Storage of the set parameters for future evaluation, retrievable by a simple mouse click
- Analysis of 400 Petri dishes/hour with up to 1000 colonies/Petri dish
- Accurate detection of difficult to identify colonies
- Mixed cultures – up to 8 colours simultaneously
- Split feature, for individually counting overlapping colonies
- Rapid changeover from evaluating agar plates – to nutrient disks – to spiral plating – to inhibition zone analysis etc.
- Fluorescence-UV-light source, 365 nm
- Display of the results in tabular form e.g. Excel®
- Storage of data and images
- Detailed reporting
- GLP-conform
- LIMS-compatible
- Optionally available with barcode scanner or printer

Examples of use:

Enterobacteria, total number of different colonies, E.coli bacteria agar, Brewer's yeast, Nutrient/filter disks, Bacteriophage plaques, inhibition zones as well as all types of agar.

Technical data:

Dimensions (W × H × D): 240 × 470 × 290 mm
Power: 100-240 V, 50-60 Hz, 60 W
Weight: approx. 11 kg

Article	Order No.
schuett colonyQuant	88 31 82002
for colonies with a minium-Ø of 0.1 mm	
Sample chamber with CCD-Firewire colour camera (autofocus/autozoom). Optional with PC/Laptop, state-of-the-art equipment. Software pre-installed	
schuett colonyQuant HD	10 31 84002
for colonies with a minium-Ø of 0.05 mm	
Sample chamber with high definition colour camera (autofocus/autozoom). Including PC with HDMI I/O-card and 24"-monitor. Software pre-installed.	

