

## schuett count Colony Counter, schuett-biotec

### Colony Counter count

Designed for reliable and efficient counting of bacterial colonies and bacteriophage plaques growing on nutrient agar or nutrient disks/filter disks in Petri dishes.

- For Petri dishes with Ø 90 mm (optional Ø 60 mm or Ø 150 mm)
- Individual adjustable light, sensitivity of counting plate, volume of buzzer
- Average count calculation, data transfer via USB to customer's PC. Exported to Excel for further editing, saving, printing.

### Modern LED lighting technology absolutely glare-free and eye gentle

- Three types of illumination: from below, from the side or from the top (optional)
- A so far unknown transparency and differentiation (on agar or nutrient disk), even with transparent colonies
- Natural colour reproduction and brilliant lighting
- No heating of the samples

### Easy counting by marking the colonies with an ordinary felt-tip marker pen on the Petri dish

- Acoustical counting observation (buzzer with adjustable volume)
- 4-digit LED-display (0-9999)
- Clearly arranged foil keypad for all controls

### Included in scope of delivery:

For Petri dishes with Ø 90 mm: Adapter (transparent) for illumination from below and adapter (black/white) for illumination from the side, contrast disk (black), USB cable, felt-tip marker pen with pen holder.

**For counting approx. 50 Petri dishes per day, the automatic colony counter schuett colonyQuant is recommended** (sample chamber, PC/notebook, software licence). Automatic counting and documentation of Petri dishes or nutrient disks, populated with smallest colonies of <0.05 mm diameter, mixed cultures are possible. Can be optionally connected to an existing LIM system. Petrifilm assessment, test assessment of customer-specific plates can be carried out before you decide to purchase. (Further informations on request).

### Technical data:

Dimensions (W x H x D): 260 x 130 x 250 mm  
 Height with gooseneck magnifying glass/lamp: approx. 300 mm  
 Weight: approx. 1.5 kg



| Article                                     | Order No.   |
|---|-------------|
| ① schuett count colony counter, 100 – 240 V | 10 31 81502 |

### Accessories, matching for schuett count

| Article   | Order No.   |
|---|-------------|
| ① <b>Magnifying glass<sup>1)</sup> 3-fold magnification</b>         | 10 31 81602 |
| Magnifying glass with Ø 100 mm (whole petri dish)                   |             |
| <b>Magnifying glass<sup>1)</sup> 6 – 8-fold magnification</b>       | 10 31 81612 |
| Magnifying glass with Ø 60 mm (parts of petri dishes)               |             |
| ① <b>LED top light lamp<sup>1)</sup></b>                            | 10 31 81702 |
| ② <b>Adapter for Petri dishes with Ø 50-60 mm</b>                   | 10 31 81802 |
| ③ <b>Adapter for Petri dishes with Ø 140-150 mm</b>                 | 10 31 81812 |
| <b>Adapter for Petrifilm</b>  | 10 31 81882 |
| ④ <b>Spiral Plater disk, black/white</b>                            | 10 31 81902 |
| ④ <b>Wolffhügel disk, black/white</b>                               | 10 31 81912 |
| ⑤ <b>Counting needle</b>  | 10 31 81922 |
| ⑤ <b>Felt-tip marker pen (water-resistant)</b>                      | 10 31 81932 |
| <b>count Extract!basic software, German language, licence code</b>  | 10 31 81900 |
| <b>count Extract!basic software, English language, licence code</b> | 10 31 81910 |

<sup>1)</sup> Gooseneck holder, individually adjustable

Adapter for other petri dish sizes available on request.