

schuett count

Manual colony counter

- three modes of illumination: from below, from the side and from the top (optional)
- Petri dishes or nutrient disks with Ø 90 mm, Ø 60 mm or Ø 150 mm (optional)
- high transparency of colonies reached by LED-light source - practically no heat transferred to the sample
- light intensity, pressure sensitivity for count and acoustical counting signal adjustable
- average determination
- data transfer via USB

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 up to Ø 150 mm.

Easy adjustable illumination intensity. Three modes of illumination – sideways from below, sideways from above and top-light (optional).

State-of-the-art LED-light allows for glarefree illumination without blinding or straylight. No eyestrain. A sofar unknown transparency and differentiation is obtained. Contrast-disk for counting colonies in light and dark fields for the use with clear or dark agar. Adjustable pressure-sensitivity for counting. Designed for ergonomic and relaxed working.

Accurate color re-production makes it easier to distinguish between differently coloured cultures on selective culture media and nutrient disks in food analysis. With process water and waste water, the high contrast illumination simplifies the task of distinguishing between colonies that develop within the agar and colonies that grow on the agar surface.

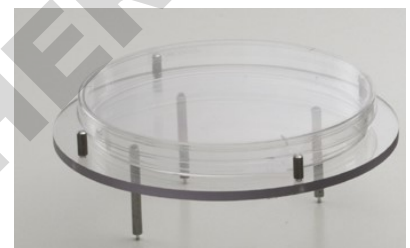
The counting impulse is realized by marking the colonies with an ordinary felt-tip marker pen. An acoustical signal confirms each sound its sound level is individually adjustable.

The attachment is equipped with a pen holder.

With a 4-digit LED-display (0-9999) and a clearly arranged keypad for all controls.



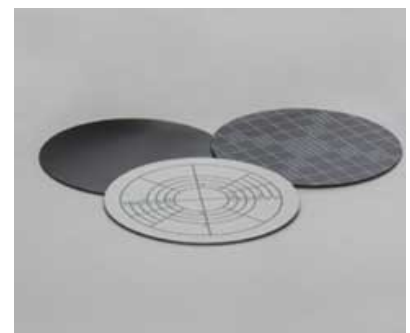
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Adapter for petri dishes with 140-150 mm



Adapter for petri dishes with 50-60 mm



Spiral-Plating-disk



Technical Data

Dimensions (w x h x d):	260 x 130 x 250 mm
Height with gooseneck magnifying glass/lamp:	approx. 300 mm
Weight:	1.5 kg
Power:	100-240 V / 50-60 Hz
Power adapter:	5 V DC, 2100 mA, 7,5 W



felt-tip marker and counting needle

Bestelldaten

Type	Cat.-No.
schuett count colony counter , 100-240 V incl. felt-tip marker-pen with holder, adapter (transparent) for illumination from below for 90 mm Petri dishes, adapter (black/white) for illumination from the side for 90 mm Petri dishes, contrast-disk (black), USB-cable and 2 cover plugs	3.081 502
Magnifying glass 3-fold with 3-fold magnification of the whole petri- dish, incl. gooseneck magnifying glass, individually adjustable, Ø 100 mm	3.081 602
Magnifying glass 6-8-fold with 6-8-fold magnification, incl. gooseneck magnifying glass, individually adjustable, Ø 60 mm	3.081 612
LED top light lamp for optimal illumination of cultures, incl. gooseneck magnifying glass	3.081 702
Adapter for Petri dishes with Ø 50-60 mm for central positioning	3.081 802
Adapter for Petri dishes with Ø 140-150 mm for central positioning	3.081 812
Spiral-Plater-disk , black/white for counting with Spiral-Plater-Method	3.081 902
Wolffhügel-disk , black/white for sectoral counting of the Petri dish	3.081 912
Counting needle for counting by tap of the colony	3.081 922
Felt-tip marker pen (water-resistant)	3.081 932