



## Colony Counter

### One and two and three...

The most time-consuming part of carrying out a microbial count is the actual counting process on Petri dishes. Colony counters facilitate this task and as a result are essential in every bacteriological laboratory. Their particular advantages are the easy, rapid and reliable counting of bacterial colonies with very simple handling.

#### BZG 30

- Intelligent counting technology
- Operator Comfort
- Safe
- Flexible

The colony counter **BZG 30** is easy to use, and allows fatigue-free and safe work thanks to its problem-free counting mechanism: The surface on which the Petri dish is placed is pressure-sensitive; marking the colonies on the Petri dish with the marker pen activates the counter. The pressure sensitivity is adjustable for optimal adaptation to the operator.



### Intelligent counting technology

The colony counter **BZG 30** has an acoustic check signal and automatically compensates for the weights of different Petri dishes; the pressure sensor system also provides uniform sensitivity over the whole of the working field. Zero-voltage protection guards against power interruptions.

The ring-shaped lamp provides uniform working field illumination; the magnifier offers distortion-free optics and can be individually positioned on its extremely flexible arm.

Versatile work is guaranteed by selectable direct or indirect illumination. Direct illumination is particularly suitable for nutrient agars with a dark background; indirect illumination for lighter agars. Colony counter **BZG 30** has an additional counter input for counter marker KS 30 and is supplied with an interchangeable Wolffhügel grid.



Parameter

pH

ORP

ISE

 Oxygen  
(D.O.)

Conductivity

 Multi-  
parameter

 BOD/  
Respiration

Photometers

Turbidity

 Colony  
Counter

 Software/  
Printers

## Technical Data

Counter	LED display (0 ... 999) with reset to 0
Standard magnifier	1.7-fold surface magnification, 100 mm dia.
Illumination	20 W ring lamp
Power supply	230 V $\pm$ 15%, 50 ... 60 Hz or 115 V $\pm$ 15%, 50 ... 60 Hz, as selected
Power consumption	21 W
Dimensions	300 x 325 x 90 mm (B x D x H) with magnifier arm
Weight	5.6 kg
Test certificate	CE
Warranty	1 year

## Ordering Information

Colony Counter		Order No.
BZG 30	Colony counter with magnifier (1.7-fold, 100 mm dia.) complete with plug-in flexible arm, switchable background (light - dark) and Wolffhügel grid; for Petri dishes 70 mm and 100 mm dia. 230 V / 50 ... 60 Hz	803 314
BZG 30	Ditto, but for 115 V / 50/60 Hz	803 315
BZG/LUP 8	Surcharge for colony counter with special magnifier (2.3-fold magnification, 60 mm dia.) and plug-in flexible arm (replaces 1.7-fold magnifier)	803 319


**1** Year  
Warranty