



Colony Counter

One and two and three...

The most time-consuming part of performing a microbial count is the actual counting process on Petri dishes. Colony counters facilitate this task and are essential in every bacteriological laboratory. The WTW BZG 30 offers easy, rapid and reliable counting of bacterial colonies with very simple handling.

BZG 30

- Intelligent counting technology
- Easy-to-use
- 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 is also uniformly sensitive over the whole working area. Zero-voltage protection guards against power interruptions.

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

The user is able to select 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.



Technical Data		
Counter	LED display (0 ... 999) with reset to 0	
Standard magnifier	1.7-fold surface magnification, 100 mm (3.34 in) dia.	
Illumination	20 W ring lamp	
Power supply	230 V ± 15%, 50 ... 60 Hz or 115 V ± 15%, 50 ... 60 Hz, as selected	
Power consumption	21 W	
Dimensions	300 x 325 x 90 mm (11.81 x 12.80 x 3.54 in) (B x D x H) with magnifier arm	
Weight	5.6 kg (12.346 lb)	
Test certificate	CE	
Warranty	1 year	
Ordering Information		
Colony Counter		Order No.
BZG 30	Colony counter with magnifier (1.7-fold, 100 mm/3.34 in dia.) complete with plug-in flexible arm, switchable background (light - dark) and Wolffhügel grid;	803 314
	for Petri dishes 70 mm (2.76 in) and 100 mm (3.34 in) dia. 230 V / 50 ... 60 Hz	
BZG 30/115V	Same as above, but for 115 V / 50/60 Hz	803 315

