



## 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 40 offers easy, rapid and reliable counting of bacterial colonies with very simple handling.

#### BZG 40

- Intelligent counting technology
- Easy-to-use
- Safe
- Flexible

The **colony counter BZG 40** allows safe and easy work with its reliable counting mechanism: The support of the Petri dishes is pressure sensitive; a touch with a pen triggers the counting impulse. The sensitivity can be individually adjusted. All measurements can be stored and transferred to a PC.



### Intelligent counting technology

The **BZG 40** has an optical and/or acoustic counting monitor and an automatic weight compensation for different Petri dishes. The pressure sensor system provides a balanced sensitivity over the entire working surface. The Single Mode allows the measurement of single samples; the Multi Mode provides measurement and averaging of up to 20 Petri dishes. All data will be stored on demand on a SD card.

The white light LED illumination guarantees a long life span, the magnifier gives an undistorted view and can be positioned to individual needs.

The separately switchable back or side illumination for direct and indirect illumination can be adapted to dark or light colonies.

The direct illumination is well suited for dark nutrient media, the indirect illumination for light ones. The BZG 40 has additionally an input for an external counting pen and an exchangeable grid (Wolffhügel grid).



Technical Data	
Display	LCD graphic display (0...999) with reset
Standard magnifier	1.7
Illumination	white light LED (background/side illumination, separately switchable, brightness adjustable)
Diameter of counting area	120 mm
Memory	2 GB SD card
Interface	RS 232, USB-B
Power supply	universal power supply 100 - 240 V ± 15%, 50...60 Hz
Dimensions	260 x 330 x 110 mm (w x d x h) without magnifier holder
Weight	4.5 kg
Test certificate	CE certificate
Ordering Information	
Colony Counter	Order No.
BZG 40	803 314
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; for Petri dishes 70 mm (2.76 in) and 100 mm (3.34 in) dia. 230 V / 50 ... 60 Hz	



**1** Year Warranty