

Colony Counter 800 Colony Counter 1300



Bacteria are grown on agar plates. The Colony Counter automatically counts the colonies. Petri dishes of 100 mm also 50 mm diameter dishes and so called multi-well plates (MTP) can be used in Herolab's new Colony Counter.

For the different applications both Cell Colony Counters have the following standard illuminations built-in:

- Backlight, white, extremely homogenously and dimmable
- Epi-Illumination, indirect white light reflection
- Epi-illumination, indirect with blue light of 470 nm wavelength
- Darkfield illumination, dark background with light not directly collected from the camera



The illumination is designed with LED's for an extreme long lifetime.

The newly designed Herolab Colony Counter together with a special module of the E.A.S.Y.® Win32 software counts the colonies electronically, by identifying individual areas of dark and light according to automatic or user-set thresholds, and counting the resulting contrasting spots including quantification by a fingertip.

Cat. No.	Description
32 01 100	Colony Counter 800
32 01 200	Colony Counter 1300

All products built by Herolab carry the CE sign. Herolab is DIN EN ISO 9001.2008 certified.

All prices without VAT, ex works. – Herolab reserves the right to change technical specifications and prices without prior notice.

*Manufacturer
of Life Science ...*

Herolab

GmbH

Laborgeräte

Colony
Counter
800

Colony
Counter
1300



Technical Specification of both Counters

	Counter 800	Counter 1300
Smallest detectable Colony	Better than 0.2 mm	Better than 0.04
Lens and CCD System	Fixed Focus and approx. 800,000 pixel	Zoom Lens and approx. 1,300,000 pixel
Image Capture	True Color, 24 bits per Pixel	True Color, 24 bits per Pixel
Motorized Aperture Adjust.	yes	yes
Motorized Focus Adjust.	yes	yes
Motorized Zoom Adjust.	Not available	yes
Image Field	100 mm Ø	130 x 100 mm
PC Connection	USB 2.0	USB 2.0
PC minim. Requirements	Pentium IV, 2 GHz or higher CD-Rom Disc Drive 2 USB 2.0 Windows XP	Pentium IV, 2 GHz or higher CD-Rom Disc Drive 3 USB 2.0 Windows XP



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