



Chemiluminescence Imager CELVIN

biostep GmbH

Chemiluminescence Imager CELVIN®

The innovative, small and compact Celvin® S Chemiluminescence Imager enables a high photon yield due to small distance of the sample to the detecting CCD chip which leads to short exposure times.

- Resolution and sensitivity can individually be adjusted
- Electromagnetic locking mechanism ensures safety during measurements
- Sensitive cooled 16 Bit CCD proprietary camera
- One-hand operation by touch-screen with status information
- Small, compact and space-saving system
- Storage of the acquisition settings in individual, application-dependent methods
- Acquisition of image series for signal reinforcements
- Comfortable and automatic handling via user-friendly software for Western Blots and 1D Gels

biostep Celvin® S 320+: Ultra-sensitive system, Resolution 3.2 Mpixel: 2184(H) x 1472(V), Integration time: from 0.5 sec up to 24 hrs, Maximum field of view 13 x 9 cm.

biostep Celvin® S 420: Sensitive system, Resolution 4.2 Mpixel: 2048(H) x 2048(V), Integration time: from 0.03 sec up to 24 hrs, Maximum field of view 14 x 14 cm.

biostep Celvin® S 420 FL: Fluorescence system, Sensitive system, Resolution 4.2 Mpixel, excitation with LEDs red, green, blue and 365 nm, 4 emission filters 490, 550, 600 and 680 nm, Maximum field of view 14 x 14 cm.

Features:

- Sensitive fixed focal lens for chemiluminescence
- Air-cooled double peltier technique, T -40°C
- Compact dark hood
- Dimmable white top-light (intensity 10 - 100 %) for colorimetrically-stained markers
- Binning 1x1, 2x2, 3x3, 4x4, 5x5, 6x6
- Weight: 10 kg
- Dimensions (W x D x H): 24 x 36 x 42 cm
- Minimum requirements for PC: Processor Intel i3, 3 GHz, 2 GB RAM, Win 7/8, 2 free USB 2.0 ports





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