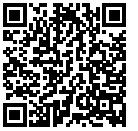




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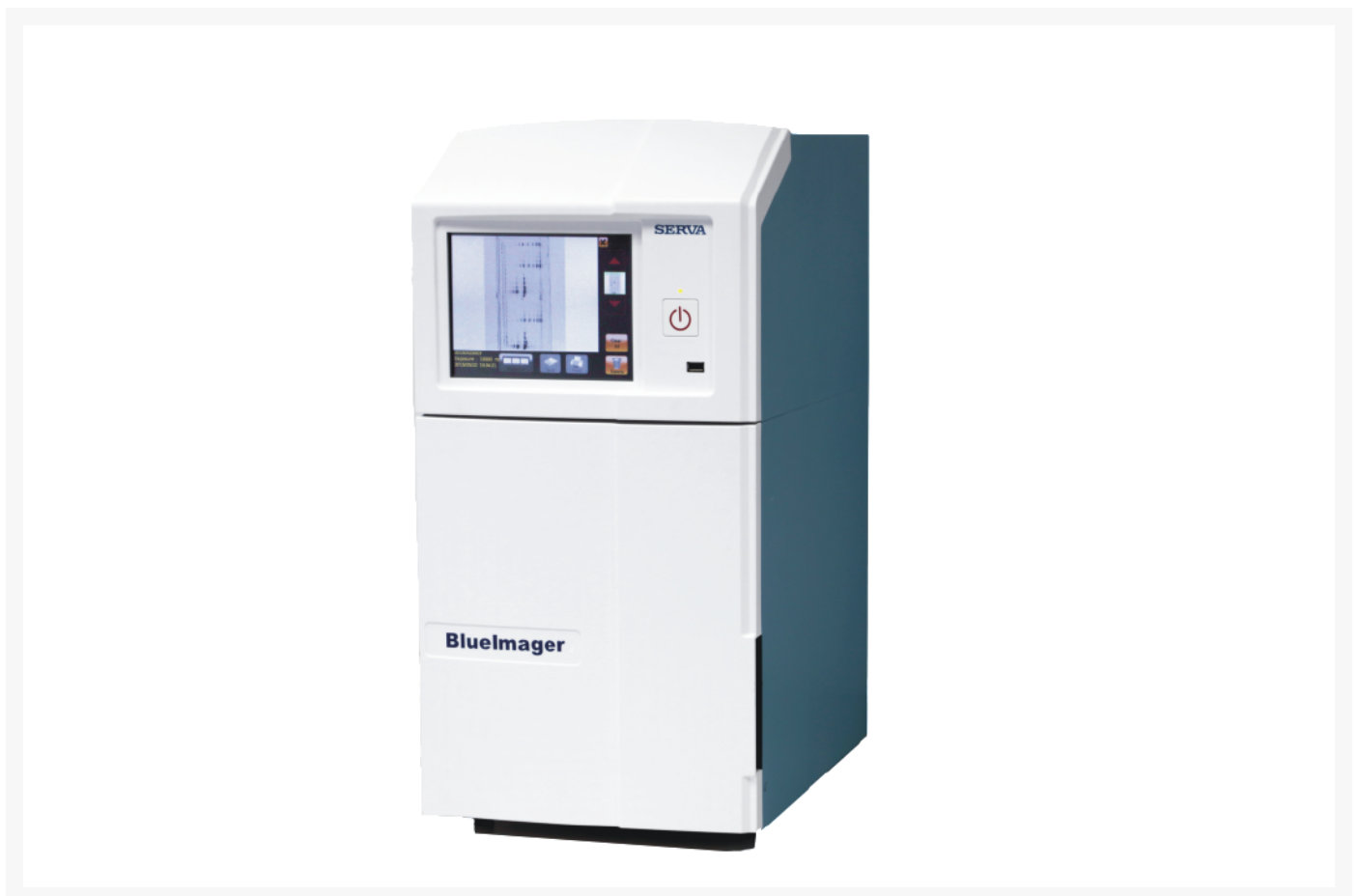
Umsatzsteuer-  
Identifikationsnummer  
:  
DE 143 450 657



## SERVA Bluemager, 1 piece

**€10,150.00**  
**plus VAT &**  
**Shipping**

### Product Images



## Description

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**The SERVA Bluemager is a compact gel documentation system** with user-friendly features for easy operation and fast response time. The system consists of a CCD camera, a motor-driven lens and an RGB light table. The five-fold filter changer is equipped with a 595 nm filter. Chemical fluorescent dyes such as SERVA Lightning Red, SERVA Lightning Sci3 and Cy3 are detectable with the standard emission filter.

Furthermore, by using additional filters (535 nm and 665 nm, available for order), SERVA Lightning Sci2, SERVA Lightning Sci5, Cy2, Cy5, Alexa 488, Alexa 546, Alexa 647, SYPRO Ruby, SYBR Green I/II, SYBR Safe, DNA Stain G and others excitable by blue, red and green light can be viewed and recorded.

In addition to the unique three-color Colorfluor RGB light table, the Bluemager is also compatible with a UV transilluminator (Cat. No UV-BI).

Following the design concept of a stand-alone, independent workstation with a self-contained all-in-one processor inside, the Bluemager does not require an additional desktop computer to operate the system. The Bluemager's built-in 8-inch LCD touch screen can process image data directly without any difficulty. In addition, Bluemager's smart user interface and clear icons can capture gel images quickly and with high accuracy.

When using Bluemager, you will enjoy an all-around worry-free experience in collecting your gel image data while performing complex chemical fluorescent staining-based experiments.

### Features:

- Wide range of applications for colorimetric and fluorescence detection
  - Patented light source design: effectively excites the dye in the gel
  - High sensitivity: detection limit down to 1 ng
  - High efficiency filter lenses, suitable to filter the emission wavelength of any light source
  - DIGE and multiplex capable
  - Low energy consumption
  - Cost-effective: affordable imaging camera system that can handle complex research experiments
- Due to varying detection limits, some DIGE & multiplex experiments must be performed at higher resolution than for colorimetric imaging.

### Applications:

The three light sources built into the Bluemager are red, green and blue LEDs. These can be used to process a wide range of fluorescence applications that can be excited with colored light.

- Application red LED: SERVA Lightning Sci5, Alexa™ 647, Alexa™ 660, Allophycocyanin, Cy5, TO-PRO™-3, etc.
- Application green LED: SERVA Lightning Sci3, Alexa™ 546, Alexa™ 555, Alexa™ 568, Cy3, Nile Red, Rhodamine B, TRITC, etc.
- Application blue LED: SERVA Lightning Sci2, Alexa™ 488, Cy2, SYBR Safe, SYBR Green, SYBR Gold, SYPRO Ruby, FITC, DNA Stain Clear G, Ethidium Bromide, etc.

## Additional Information

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No.	SV-0181
Manufacturer (Brand)	SERVA
EAN	4058072373184
Transport temperature	Room temperature
EPI light source	WL.RGB LED
Filter	595 nm
Area	25.5 x 19.5 cm

