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Umsatzsteuer-
Identifikationsnummer
:
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SERVA Musketeer, 1 piece

**Price on
request
plus VAT &
Shipping**

Product Images

Description

The **SERVA Musketeer** gel documentation system can be used for a wide range of gel documentation tasks: chemiluminescence, fluorescence and visible light in reflected and transmitted light, UV. The handling is intuitive. The core is a coolable CCD camera ($-55\text{ °C} \pm 5\text{ °C}$ ambient temperature, 16 bit, 6X6 binning) with autofocus lens ($f=0.95$) and automatic filter change.

The system operates independently and does not require a separate PC. A touchscreen serves as the central control element, with which all applications can be controlled. In this way, images of gels, western blots, etc. can be created and saved quickly and easily. The data can then be easily read out via a USB port if required.

The SERVA Musketeer is equipped with a UV, a white light as well as a red/green/blue (R/G/B) LED transilluminator and R/G/B and white light incident light including the appropriate filters. This allows a wide range of applications to be covered: Documentation of nucleic acid gels with EtBr or SERVA DNA Clear G (or related fluorescent dyes), proteins stained with ^{Coomassie®} in the VIS range or labeled with fluorescent dyes such as the prestain SERVA PRiME Lightning Red, chemiluminescence imaging of Western blots (SERVA Vega ECL, SERVA SciDyes and similar CL substrates).

Applications at a glance:

- RGB stage/incident light and 5x filter wheel for fluorescence imaging (nucleic acids, proteins)
- Cooled CCD camera and absolutely lightproof cabinet with 3 adjustable levels for chemiluminescence images
- White light transilluminator and incident light for VIS gel documentation
- UV transilluminator (306 nm) for EtBr nucleic acid images

Important data:

- For gels up to 260 mm x 200 mm
- 10.4" LED touch screen
- USB data storage
- 6 megapixel CCD camera, cooled (2,736 x 2,160 pixels; 55 °C below ambient temperature)
- Exposure times 10 milliseconds to 90 minutes
- Dimensions and weight: 452 mm x 423 mm x 659 mm, 52 Kg

Additional Information

No.	SV-0206
Manufacturer (Brand)	SERVA
EAN	4058072373436
Transport temperature	Room temperature
Wide	4520 mm
Height	6590 mm
Depth	4230 mm
Weight	52 kg
EPI light source	UV. RGB LED. WL
Chemiluminescence	yes
Filter	UV. 535 nm. 595 nm. 680 nm
Area	26 x 20 cm

