

# Gel documentation system microDOC Cleaver Scientific

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Home / [Labortops Q4 2025](#) / Gel documentation system microDOC Cleaver Scientific

## Product Data

Inexpensive, powerful, compact and easy-to-use documentation system with 24.1 MB CMOS camera. The large 8" screen allows viewing of different gels, films and membranes. Stand-alone device with 8 GB memory card and 58 mm ethidium bromide filter as standard. SYBR filter available as an option. Data transfer to a computer is possible with the optional TotalLab™ 1D software. Can be used in conjunction with any 21 x 21 cm UV transilluminator. Data can be stored on the memory card in RAW, TIFF-RGB and JPEG formats.

**microDOC BASIC:** The microDOC BASIC is a simple, low-cost system with a removable darkroom hood and 24.1-megapixel digital camera through which the gel can be viewed directly. This system can be supplied with the TotalLab™ 1D analysis software and a 21 x 21 cm transilluminator as an option.

**TotalLab™ 1D software:** Only supplied as part of a complete package. Its main tasks are: lane creation, background subtraction, band detection, profile deconvolution, and molecular size, pl and quantity calibration.

More sophisticated standalone software options are available for 1D applications that require band matching, array, colony counting and image ToolBox functionalities.

### Camera:

- File format design rule for camera file system, DPOF (version 1.1) compatible
- Focus area selection, AF mode and manual focus are available
- Hood
- Multi-power source for camera, interior lamp, TFT screen (except MicroDoc Basic/1D)
- Safety switch automatically disconnects the UV transilluminator and opens the chamber door during operation
- With video and audio input

### Specifications

- Effective pixels: 24.1 megapixels
- Type: TTL-CT-SIR with CMOS sensor
- Lens: Canon EF/EF-S 18-55 mm
- Max. aperture: f/2.8 - f/5.6
- Image resolution: 720 x 480 to 5184 x 3456
- Data type Images: Exif 2.3 (JPEG), RAW (CR2)
- Video: MOV (image data: H264, sound data: Linear PCM (stereo))
- Filter: Ethidium bromide or SYBR Green (58 mm)

- White light (internal): 2 x 3 W white LED (excl. MDOC Basic models)
- Monitor: 8" TFT liquid crystal display
- Display format: 960 x 234 mm
- Brightness: 300 cd/m<sup>2</sup>
- Display mode: NTSC / PAL mode switchable
- Dimensions with camera (W x D x H): 290 x 325 x 515 mm
- Nominal voltage: 110 - 220 V
- Weight: approx. 7.7 kg
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| Item No.    | type no.   | Price        |
|-------------|--|--------------|
| 669.5847.59 | Compact cash documentation system incl. TotalLab1D analysis software | CHF 6'100.00 |

## More product images



\* The prices are non-binding and are to be understood as selling prices in Swiss francs without value added tax (VAT), as well as all other fees, charges and taxes. The prices displayed in the eShop may differ from the PDF file due to regular updates.

\*\* Please note that when ordering chemicals and detergents, transport and packaging costs for hazardous goods as well as legally prescribed fees are charged. These will be shown in detail on the order confirmation, which you will receive in addition to the confirmation of receipt.

\*\*\* Further information such as technical information and safety data sheets can be found online in our eShop.

\*\*\*\* The PDF file was created on [www.huberlab.ch](http://www.huberlab.ch) on 21.05.2026 at 05:23 o'clock.