

Manufacturer
of Life Science ...

Herolab

GmbH

Hero
Doc
plus

**High
Flexibility**

HeroDoc plus

Gel Documentation System with High Flexibility

Development and production of this HeroDoc plus system is based on more than 20 years of experience.

In a compact, light-tight hood the new Herolab Scientific Grade CCD camera Type B-1393-3U7N with light-sensitive lens has been integrated. Thus excellent images are possible.

Focus and aperture are driven motorized and are set in the software. Different modes can be saved. So an easy operation is given.

To be able to work with different dyes a lot of illuminations are standard: UV transillumination 302/312 nm with High Contrast filter, Epi-LED blue light 470 nm and Epi-LED white light. Also a UV to white light converter plate is part of the delivery package.

The camera filter is put in a holder and can be changed in a second. The filter of your choice is delivered with the system, Ethidiumbromide or SYBR Green or others of our program.

HeroStore software, an intuitive to use software that can be run on Touch Screen Monitor and the GLP conform analysis software E.A.S.Y.[®] Win32 modules A, B and C are part of this system (see next page).



HeroDoc plus / Gel Documentation System with High Flexibility
Darkroom hood with UV protective shield, built-in Herolab Scientific Grade CCD camera type B-1393-3U7N
Built-in mid-wave 302/312 nm High Contrast UV transilluminator
and Epi-LED Blue light 470 nm, Epi-LED White light,
Imaging software HeroStore and Analysis software E.A.S.Y.[®] Win32 modules A, B, C
Optional: All-in-one PC system with touch-screen monitor, keyboard and mouse (or Standard-PC)

Cat.-No.	Description
28 20 200	HeroDoc plus: System incl. imaging and analysis software, but without PC, 220-240 V, 50/60 Hz
28 20 250	HeroDoc plus: System incl. imaging and analysis software, but without PC, 110-120 V, 50/60 Hz
28 20 510	All-in-One PC system with touch-screen monitor, keyboard and mouse, Windows 7 or 8 - English
28 97 007	High Power Windows PC with 24" monitor, keyboard and mouse
28 09 095	Digital thermo sublimation printer Mitsubishi P95DE with Acrylic printer cover

All products built by Herolab carry the CE sign. Herolab is certified according to DIN EN ISO 9001:2008 and DIN EN ISO 13485.
All prices without VAT, ex works. – Herolab reserves the right to change technical specifications and prices without prior notice.

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GEL DOCUMENTATION SYSTEMS

2014-02

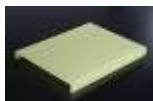
System Components:

- ◆ The newly designed compact **Darkroom hood** has a small footprint: 40 cm width and 52 cm depth. It is only 45 cm high.
- ◆ An UV protection shield enables preparative work when the hood has been opened. When this shield is moved up, the UV light turns off.
- ◆ Standard features in this hood are also Epi-LED White light and Epi-LED Blue light 470 nm.



- ◆ High sensitive **Herolab Scientific Grade CCD camera type B-1393-3U7N**
Chip size: 1,4 mega pixels, 12 Bit
- ◆ Instead of this monochrome CCD camera a color camera can be delivered without surcharge.
- ◆ Distortion-free **Mega Pixel lens** with software controlled motorized adjustment of sharpness and aperture; exposure time from 10 milliseconds to 60 minutes.
- ◆ Herolab **filter to your wishes**, Ethidiumbromide or SYBR Green or other of our program. The filter is freely accessible and can be interchanged easily (List of filters see extra-brochure).
- ◆ The **built-in UV-Transilluminator** contains the new, high-value HC (high contrast) filter with the main peak of 302/312 nm in a size of 28 x 22 cm. Intensity switch (High/Low) is standard equipment.

- ◆ **Radicon®-Plate**
UV to White Light Converter plate, 22 x 28 cm



- ◆ Easy to use **Imaging Software HeroStore**.
 - camera on/off, camera control
 - software-assisted correction of badly positioned gels
 - timer for long term exposure/integration
 - Several file formats: HRX (GLP conform), BMP, TIFF, JPG and PNM
 - languages: German, English, French, Portuguese, Spanish



- ◆ **GLP conform Analysis software E.A.S.Y® Win32 modules A, B and C**

Module A: Correction of contrast and brightness, Filter functions, Import/Export, Annotation and many more other functions
Module B: Molecular Weight and Volume Analysis
Module C: Spot 2-D Analysis of Single Volumes



- ◆ **Optionally: All-in-One Display PC in Touch-screen version**
with keyboard and mouse as additional input devices.
Storing of captured images in three ways: USB stick, hard drive, PC network (not included with cat. no. 28 20 200 / 28 20 250)



- ◆ **Or optionally: Standard-PC: High Power Windows-PC**
with monitor, keyboard and mouse
(not included with cat. no. 28 20 200 / 28 20 250)

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