

Gel Imaging System

UVIDOC HD6

Description

Unique stand-alone platform and voice-controlled DNA/protein gel workstation, the UVIDOC HD6 is ideal for crowded labs where automation, ease of use and high-sensitivity are required. Boasting real on-board computer and a giant 12.2" HD touch screen, the new Voice Control® option allows for unrivalled system operation, speed and user-friendliness.

Part number: 115.181

Applications

- DNA/RNA gels
Ethidium Bromide & safe stains: GelRed, GelGreen, Midori, Emerald, SYBR Green I/II, SYBR Safe/Gold, Bodiply, DAPI, Sypro Ruby...)
- Colorimetric stained protein gels
- Coomassie, Cooper, Silver, Ponceau S Red... .
- Stain-free enabled, with live-acquisition mode.
- Visible imaging; colony dish, X-ray films... .

Benefits

- Fully-automated system On-touch®
- Real on-board computer: HD 12.2" touch-screen
- up to 6 megapixels resolution
- Voice Control® option
- 65,535 grey levels

Darkroom

- Stainless steel long-lasting, robust instrument
- Long-lasting chemical-resistant Epoxy paint
- Real-on-board computer, not a tablet:
 - 12,2" HD-Touchscreen,
 - 1280 x 800 Fully networkable
 - 3.0 USB ports
 - LAN
 - optional WiFi
- Full door aperture for easy darkroom access
- Fully slide-out built-in transilluminator
- Optional protection screen
- 3-position manual filter wheel, F-590 filter included
- Uvipure® patented technology available
100% software-controlled darkroom & exposure
- One-touch® image acquisition process
- Inclusive Transilluminator: 312 nm, 20 x 20cm

Camera

- 3-megapixel native resolution
- 16-Bit Scientific-grade camera
- 65.535 shades of grey
- > 4,0 OD dynamic range
- 26 x 21 cm field of view
- Passive cooling system for reduced background
- High speed USB technology for faster capture



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Illuminations

Standard

- Epi-white LED panels

Optional

Trans white or blue light (conversion screens)
Large choice of up to 17 emission filters

Software

- Uvidoc-1D® on-board software installed
Uvitec-1D® license-free software also included:
 - Unlimited users & computer installations
 - Default and fully-customizable protocols
 - Acquisition modes: Auto, Manual, Preview
 - 3D visualization and live-3D acquisition modes
- Numerous image enhancement tools: text, crop, rotate, background subtraction, artifact corrections...
- Unlimited analysis: quantification/normalization, MW, distance calculation/R&F, colony counting.
- 21-CFR-part-11 ready & compliant

Dimensions/Weight

- H x W x D: 785 x 380 x 475 mm
- Weight: 33 kg