



SERVA Fluorescence Gel Scanner

Product Images



Description

Bio-1000F is an innovative and user-friendly gel scanner for documentation of fluorescently stained DNA and protein bands/spots after electrophoresis has been performed. The instrument combines gel preview, image acquisition and gel extraction. Combining a highly sensitive CCD system and a Blue LED illuminator and yellow filter (>520 nm), the Bio-1000F is compatible with all EtBr alternative fluorescent stains as well as many fluorescent dyes (pre-, postlabel) for proteins and allows publication-quality images.

The fluorescence gel scanner achieves a detection limit of 0.04 ng DNA/band for DNA gels when stained with DNA Stain Clear G. It is also suitable for gels stained with related fluorescent dyes as an alternative to EtBr.

In protein gels, bands pre-stained with SERVA Lightning Red are detectable down to a detection limit of 1 ng/band.

The removable filter plate and intuitive MiBioFluo software interface allows users to visualize bands and perform gel extraction directly on the Bio-1000F without tedious switching between the transilluminator and image documentation instrument. Thanks to its compact design, the Bio-1000F fluorescence scanner requires minimal bench space.

- For gel sizes up to approximately 13 cm x 18 cm
- Resolution: 600 dpi
- Light source: Blue LED (460 - 490 nm)

Additional Information

No.	SV-0179
Manufacturer (Brand)	SERVA
EAN	4058072373160
Wide	3000 mm
Height	1250 mm
Depth	2900 mm
Weight	12 kg
EPI light source	BLED 475 nm
Filter	595 nm
Area	13 x 18 cm

