



NeoChemi FL Mini 6

NeoChemi FL Mini 8

NB-12-9009

NB-12-9010

NeoChemi FL Mini 6 & NeoChemi FL Mini 8

Cat# NB-12-9009 & Cat# NB-12-9010



Description

Compact fluorescent and chemi Western blot imaging system

Need to quantify multiple different fluorescent proteins on one blot and capture images of chemi blots, but your lab is limited on space? Then the NeoChemi Mini is just the compact imaging powerhouse you've been looking for. With stain free, RGB and IR excitation options for Alexa Fluor® 488, 546, 647 and IR dyes, you're just a click away from brilliant multiplex images from one single Western.

Using the NeoChemi Mini you'll also get perfectly exposed images of your chemi labelled proteins without the bother of film. Simply place your blot in the darkroom, click on GeneSys capture software and your imager will do the rest with no fuss and no messy chemicals.

NeoChemi Mini is a compact, multi-application imaging system combining a unique motor driven stage and cooled high resolution 6 or 9 megapixel camera enabling you to generate accurate optical images, not just digitally enhanced ones. With a NeoChemi Mini you'll see separate close chemi and fluorescent bands or spots even on complex gels and know they're really part of your data.

HI-LED lighting options cover the full spectrum of high intensity blue, green, red and infra-red resulting in faster exposure times and publication quality images.

The system is controlled by GeneSys application driven image capture software and comes complete with unlimited copies of GeneTools analysis software.

Features

Compact fluorescent and chemi Western blot imaging system

- Small footprint
Leaves plenty of room on any lab bench
- RGB and IR HI-LED lighting options
Fast quantification of multiple fluorescent proteins without stripping and re-probing
- Stain free imaging capability
Capture images of stain free acrylamide gels and many more
- High quantum efficiency (QE) camera
Detect picogram or femtogram amounts
- Luxury lens (F/0.95 motor driven) with data feedback
Captures the highest quality images
- Automatic motor driven stage with automated focus
For real, optical images

- White, UV and blue lighting options
Image all gels and blot types on one system
- Cleverly designed screen mount option
Easily and securely attach a monitor
- GeneSys application driven image capture software
Contains extensive database of dyes and imaging protocols. All you need to know is the type of gel you're using and GeneSys automatically selects the optimal lighting and filters to produce the perfect image
- GeneTools analysis software (unlimited copies)
Analyse data at your own computer

Specifications

Detection with a difference

SYSTEM	NeoChemii FL Mini 6	NeoChemii FL Mini 9
Image resolution (megapixels)	6	9.1
Effective resolution (megapixels)	18	27
A/D	16 bit	16 bit
Greyscale	65,536	65,536
Quantum efficiency (@425nm)	73%	73%
Lens (motor driven)	F0.95	F0.95
Motor driven stage	True optical imaging	True optical imaging
Filter wheel (7 position motor driven)	Yes	Yes
UV filter	Yes	Yes
Use with external PC and printer (not included)	Yes	Yes
LIGHTING		
Epi LED white lights	Yes	Yes
HI-LED (red, blue, green)	Optional	Optional
HI-LED (red, infrared)	Optional	Optional
HI-LED (red, blue, green, infrared)	Optional	Optional
Visible light converter	Optional	Optional
Blue converter screen	Optional	Optional
Slim slide-out UV transilluminator (20cm x 20cm)	Optional 254, 302, 365nm wavelengths	Optional 254, 302, 365nm wavelengths
UltraSlim Blue LED transilluminator	Optional	Optional
Gel size (cm)	10 x 12	10 x 12
DIMENSIONS		
Max image area (cm)	15 x 12	15 x 12
Min image area (cm)	10 x 8	10 x 8
W x H x D (cm)	40 x 64 x 52	40 x 64 x 52
Weight (kg)	40	40
Power input (V)	100-240	100-240

Our software is compatible with Windows 11*

*In-house testing has revealed no issues with the current version of Windows 11 (22H2 Update Version 22621.1702)

Ordering information

NB-12-9009	NeoChemi FL Mini 6
NB-12-9009-WARRANTY	Extended warranty (Parts and labour, return to base)
NB-12-9009-SILVER	Silver Cover (Labor only) of Maintenance
NB-12-9009-GOLD	Gold Cover (Parts+Labor) of Maintenance
NB-12-9010	NeoChemi FL Mini 9
NB-12-9010-WARRANTY	Extended warranty (Parts and labour, return to base)
NB-12-9010-SILVER	Silver Cover (Labor only) of Maintenance
NB-12-9010-GOLD	Gold Cover (Parts+Labor) of Maintenance