

CR-35 Bio

HIGH-SENSITIVITY IMAGE PLATE SCANNER

COMPACT HIGH-SPEED SCANNER FOR ALL FLEXIBLE
TYPES OF IMAGE PLATES / STORAGE PHOSPHOR
SCREENS UP TO 35 X 50 CM

- EASY TO USE
- 30 μm RESOLUTION
- HIGH SCANNING SPEED
- INTEGRATED ERASING UNIT
- WHOLE-BODY RADIO-LUMINOGRAPHY



CR-35 Bio is a compact, high-speed scanner for all flexible types of image plates / storage phosphor screens up to the size of 35x50cm. In combination with the corresponding image plate, it can be used for a variety of different nuclides, such as ^3H , ^{11}C , ^{14}C , ^{18}F , ^{32}P , ^{33}P , ^{35}S , ^{59}Fe , ^{68}Ga , $^{99\text{m}}\text{Tc}$, ^{111}In , ^{125}I , ^{131}I , ^{137}Cs etc.

Its novel design allows compact size and high speed scanning. The laser is focusable up to 30 μm . An integrated erasing unit allows to read and erase the imaging plate in one step. The CR-35 Bio scanner is the first imaging system for radio-lumino-graphy certified by BAM, Berlin, for the tests according to DIN EN 14784, class B.

Additional features are:

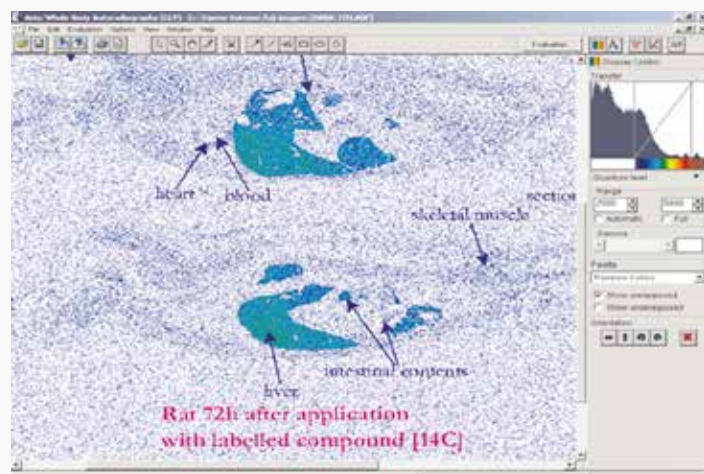
- Easy to use
- 16-bit dynamic range
- Red LED laser 635 nm focused to 30 μm
- Low operating noise

Technical specifications

Laser	Red LED laser 635 nm, focused to 30 μm
Pixel size	30 – 50 - 100 μm
Max. size for screens	W35 cm x L43 cm or longer
Interface	LAN cable
Operating noise	<49 db (A)
Optional eraser	For high-throughput and / or highly radioactive samples
Data analysis	AIDA (network and standalone); state of the art data analysis; optimized modules for TLC analysis, gels and blots; whole body autoradiography; GLP / GMP, 21CFR part 11

Physical specifications

Dimensions	W390 x D380 x H520 mm (W15,35" x D14,96" x H20,47")
Weight	max. 21 kg (46,3 lbs)



Quantitative whole body radio-luminography