



Microwell Imager

Compact – Efficient – Fast

Image acquisition and evaluation of EUROMicroblots

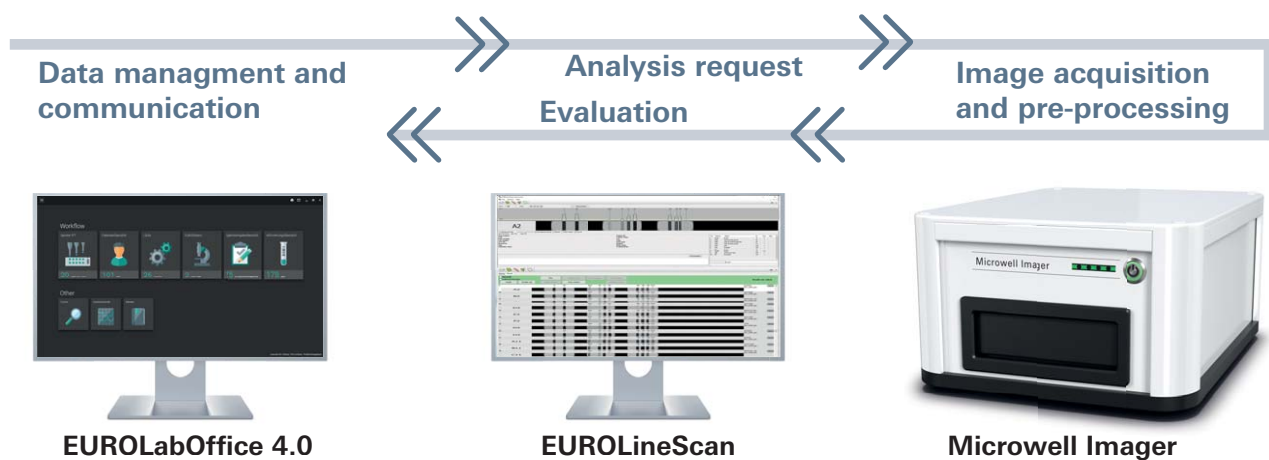


- **Reliable and fast results of EUROMicroblots due to intelligent pre-processing of images**
- **Compact footprint for easy integration into any laboratory**
- **Intuitive operation using the proven EUROLinScan software from EUROIMMUN**
- **Clear identification of the EUROMicroblot plates via the integrated barcode scanner**



The **Microwell Imager** is a compact benchtop device for efficient acquisition of images of EUROMicroblots – miniaturised blot strips in microplate wells. The fast acquisition of approximately one image per second as well as the intelligent image pre-processing enable optimal integration into the automated processing of the EUROMicroblots. Due to the barcode scanner integrated in the instrument, reliable assignment of the EUROMicroblot plates is ensured.

EUROLineScan, the proven software for automated evaluation of all EUROIMMUN blot strips, enables user-friendly operation of the Microwell Imager and convenient evaluation of the recorded blot bands. In the software, all data and results are clearly displayed, documented, securely archived and exported to the laboratory information system (LIS) via the middleware **EUROLabOffice 4.0**.



System

Sample capacity	up to 96 samples per plate
Load.....	microplates in 96-well format
Speed.....	approx. 96 seconds per microplate (1 s/image)*
Camera sensor	5 megapixel, monochrome 8–16 bits
Imaging resolution.....	< 15 µm per pixel
Illumination.....	white-light LED
Barcode scanner.....	automatic identification of barcode types Code 128
Operation and data analysis.....	via EUROLineScan software from version 3.4.33

Technical details

Compatible operating system	Microsoft Windows 10, 64 bits
Connection	from USB 3.2 Gen 1; Type A
Power supply	100–240 V AC, 47–63 Hz, 0.6–1.5 A
Width x depth x height	310 mm x 400 mm x 191 mm
Weight	13.6 kg

Order information

Microwell Imager	Automated system for acquisition of EUROMicroblot images	YG 0191-0101
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*The time until final evaluation in EUROLineScan may be longer due to variable exposure series.