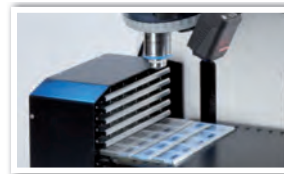
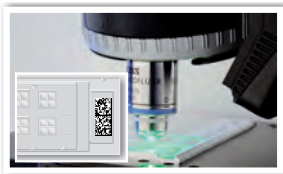
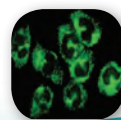
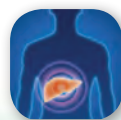


EUROIMMUN US

EUROPattern: Computer-Aided Immunofluorescence Microscopy (CAIFM)

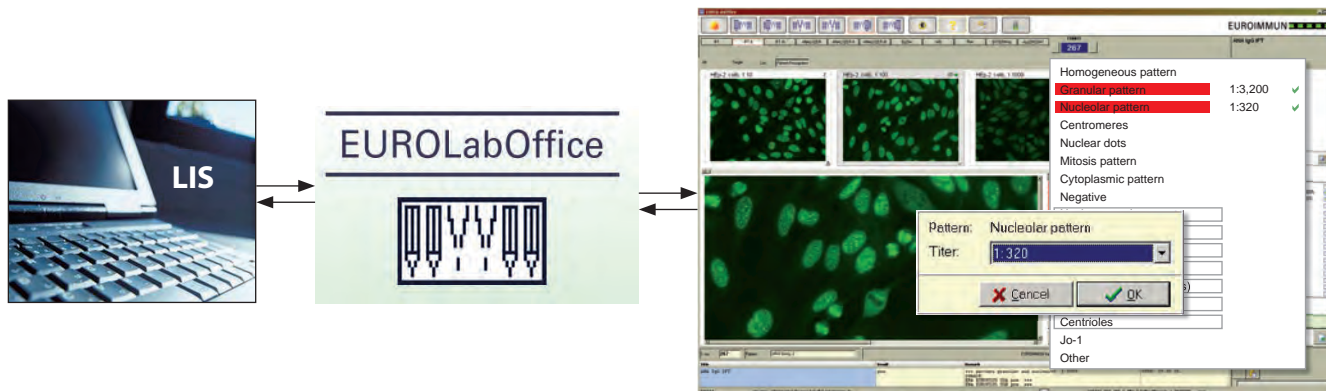


- Evaluation of results on-screen: manual/visual or automated
- Automated processing of up to 500 analysis positions in succession
- Optional automated pattern recognition (HEp-2/HEp-20-10)
- Result report per patient (with consolidation of single results)
- Archiving of images and results
- No dark room required



EUROIMMUN US

The **EUROPattern** is a high-performance automation solution designed by EUROIMMUN for the evaluation of immunofluorescence slides in autoimmune diagnostics. IFA patterns and corresponding titers are automatically identified and given for each patient individually. Validation and export to LIS are carried out at a mouse click using EUROLabOffice (ELO).



Operation:

- Manual control of microscope
- Automated or manual operation of microscope stage and focusing
- Validation of individual results by pathologist

Automated evaluation of images:

- Automated evaluation of incubated HEp-2/HEp-20-10 slides
- Classification of fluorescence patterns: homogeneous, speckled, nuclear dots, nucleolar, centromere, mitotic, cytoplasmic, nuclear membrane, negative
- Identification of mixed patterns (including corresponding titers)
- Reference database containing 115,000 images of samples from routine diagnostics

Integration into LIS with EUROLabOffice

Scope of delivery:

- **EUROPattern** Microscope
(includes: camera, cLED, barcode reader, 40x objective, 3D manual control, optional oculars)
- PC system includes control software for microscope and monitor
- Magazine and carrier for automated handling of slides (500 analysis positions)
- Pattern identification software
- **EUROLabOffice** (IFA version including specially configured server system)
- Image recording software

Technical Data:

- cLED light source for epi-fluorescence → constant excitation (460-490nm), life span >50,000hrs
- LED light source for transmitted light → constant light (550nm), life span >50,000hrs
- Width x Depth x Height → approximately 14in x 26in x 25in (microscope)
- Weight → approximately 78lbs
- Power supply → 110-240V, 60W, 50/60Hz