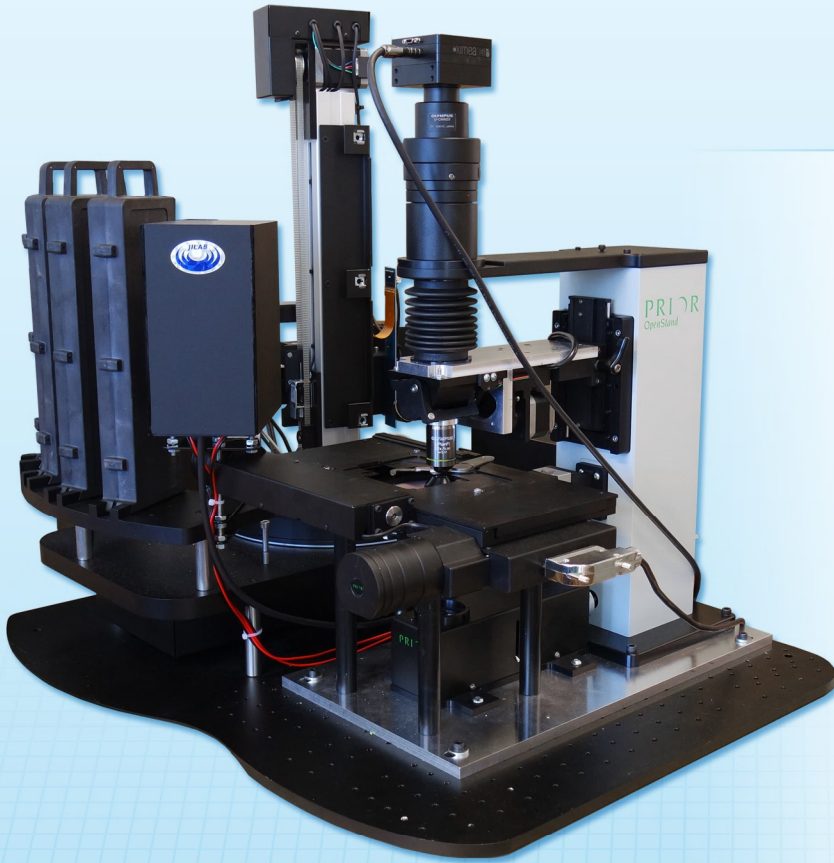# JILAB

SLIDESTRIDER

FAST MEDICAL SLIDE DIGITIZATION

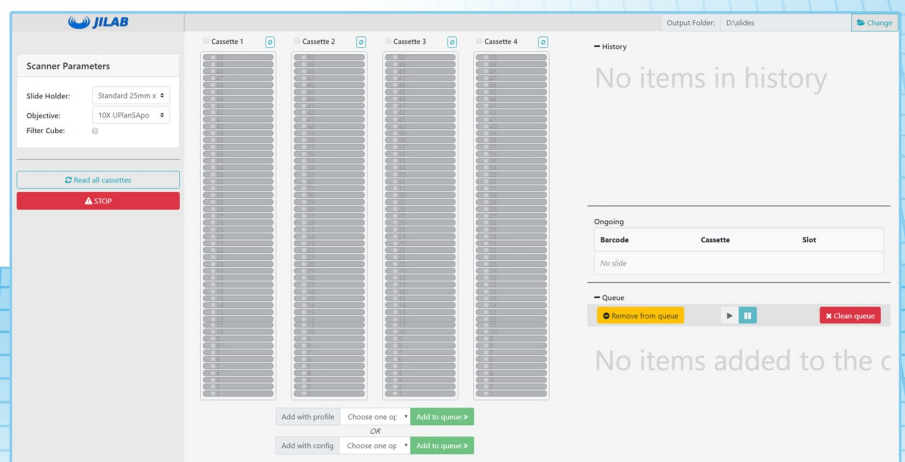A fast and versatile whole slide scanner for high-throughput microscopy

Features

- Capacity for 200 slides (or 100 2x3' macroslides) per batch
- Scanning speed 2min/slide (15x15mm tissue, resolution 0.16 µm or 0.32µm per pixel)
- Automatic scanning of focus stacks (e.g. for cytology)
- Automatic tissue detection and focus
- slide identification: 1D and 2D barcodes
- Image format: JPEG2000

Advantages

- Can be tailored for customer needs: options for epifluorescence, oil immersion objective lenses, integrated server etc.
- Cost-competitive

Jilab SlideStrider

Specifications

- Slide Capacity Up to 200 25 mm x 75 mm glass slides, or 100 50 mm x 75 mm glass slides using Prior PL-200 slide loader
- Fast tiling technology with predictive focus and tissue detection
- Automatic region definition and focus setup
- Sensor Image Resolution 0.3 µm, 0.15 µm, and 0.08 µm with 10X, 20X and 40X objectives, respectively.
- Fully automated epifluorescence module optional (for immunofluorescence and FISH)
- Image-based reader for 1D and 2D barcodes

Technical specifications

- Prior Scientific PL-200 slide loader and H101A motorized stage
- Prior OpenStand microscope body
- Ximea MD120CU-SY CCD-camera (16mm sensor, 4242x2830 pixels, pixel size 3.1 µm)
- Prior Scientific ProScan III Controller and Jilab SlideStrider scanning software
- Preview imaging module for overview and barcode image capture
- Prior Scientific PS3J100 joystick for manual stage and focus control
- High end Windows 10 PC for scanner control and JPEG2000 image conversion
- Multiple cameras for fast Z-stacking