

SCOPIO X100 AND X100HT WITH FULL-FIELD PERIPHERAL BLOOD SMEAR™ APPLICATION

For decades, lab professionals have manually viewed blood samples to count cells or to assess blood cell abnormalities. Manual microscopic review is time consuming, labor intensive, and requires well-trained and highly experienced morphology experts.

Scopio Labs' digital platforms cater to labs of all sizes, accelerating peripheral blood smear analysis, increasing workflow efficiency¹, providing laboratory professionals and clinicians a true workflow benefit to enable earlier initiation of treatment with greater confidence.

Two platforms.
One end-to-end digital workflow.
Infinite possibilities.

FDA-CLEARED. CE-MARKED.

Scopio's suite of Full-Field imaging, AI decision support and fully remote review capabilities through the secure hospital network eliminate the need for manual microscopy.



X100

**3-slide capacity
Up to 15 slides/hour**

An efficient¹ solution for laboratories that review up to 50 samples per day.

X100 HT

**30-slide capacity (3 cassettes x 10 slides)
Up to 40 slides/hour**

Designed to meet the high-volume demands of laboratories that review more than 50 samples per day.

FULL-FIELD DIGITAL IMAGING

See the big picture and the small details

- A full-field view of all clinically relevant areas of the sample, including the monolayer and the feathered edge, at 100X oil immersion resolution
- Zoom in and out, pan around and explore the sample to get both a view of individual cells and the full context

REMOTE CONNECTIVITY

Tele-hematology—no need to be physically in the lab

- Review from anywhere at any time, to accelerate the analysis and diagnostic process
- Browser-based access through the secure hospital or laboratory network facilitates review, collaboration and consultation

AI-POWERED DECISION SUPPORT SYSTEM (DSS)

An end-to-end digital workflow solution

- Lab professionals review and verify pre-estimations and pre-classifications suggested by the DSS
- Adaptive monolayer detection
- Detects 200 WBCs and pre-classifies into 14 classes
- Locates and pre-estimates platelets from 10 fields of view
- Allows users to perform RBC morphology evaluation from 1,000 fields of view



Eliminate the need for additional manual microscopic examination



See the feathered edge from the edge of the world



Substantially reduce turnaround time for sample reviews by 60%¹



Scopio X100

FDA-Cleared. CE-Marked



Scopio X100HT

FDA-Cleared. CE-Marked

| | | | | |
|--|---|---|---|---|
| Throughput | 3-slide tray Up to 15 slides/hr for 200 WBC differential | | 30-slide capacity (3 cassettes x 10 slides) Up to 40 slides/hr for 200 WBC differential | |
| Slide Preparation | Manual oil drop and coverslip | | Automated oil drop and coverslip | |
| Barcode <i>(Slides with no barcodes are also supported by the X100 and the X100HT)</i> | Data matrix Code 128, Code 39, EAN-8, EAN-13, QR Code | | Data matrix Code 128, Code 39, EAN-8, EAN-13, QR Code | |
| Stains | All Romanowsky stains | | All Romanowsky stains | |
| Storage Capacity | Up to 1.5k scanned samples Up to 15k reports with cell images Up to 100 cases stored indefinitely | | Up to 4.5k scanned samples Up to 45k reports with cell images Up to 200 cases stored indefinitely | |
| | X100 Scanner | X100 Processing Unit | X100HT Scanner | X100HT Processing Unit |
| Platform Size (WxDxH) | 14.2 x 12.6 x 14.7 in 36.2 x 32 x 37.5 cm | 12.6 x 6.8 x 14.1 in 31.9 x 17.2 x 35.8 cm | 16.6 x 15.4 x 25.2 in 42 x 39 x 64 cm | 18.2 x 8.6 x 19.1 in 46.3 x 22 x 48.6 cm |
| Platform Weight | 29.7 lbs/13.5 kg | 18.3 lbs/8.3 kg | 65.7 lbs/29.8 kg | 37.5 lbs/17 kg |
| Electrical Specification | 12VDC, 6.67A | 100-240VAC, 47-63Hz, 10-5A | 12V DC, 6.67 A | 100-240VAC, 50-60Hz, 20-10A |

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