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 efficiency[1], 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 efficient[1] 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]

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Scopio X100
FDA-Cleared. CE-Marked

Scopio X100HT
FDA-Cleared. CE-Marked

	Scopio X100	Scopio X100HT
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 *(Slides with no barcodes are also supported by the X100 and the X100HT)*	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-l0A

For questions, contact your local Beckman Coulter representative or learn more at
www.beckmancoulter.com/scopio

References:

1. Katz B-Z, et al. Evaluation of Scopio Labs X100 Full Field PBS: The first high-resolution full field viewing of peripheral blood specimens combined with artificial intelligence-based morphological analysis. Int J Lab Hematol. 2021;00:1–9.

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