

DIGITAL CYTOLOGY

- PANNORAMIC® 1000
- PANNORAMIC® 480
- PANNORAMIC® 250
- PANNORAMIC® Flash MIDI
- PANNORAMIC® Flash Desk DX



Conventional
Slide



BD
Surepath



Bone Marrow



ThinPrep



Blood CBC



Body Fluid



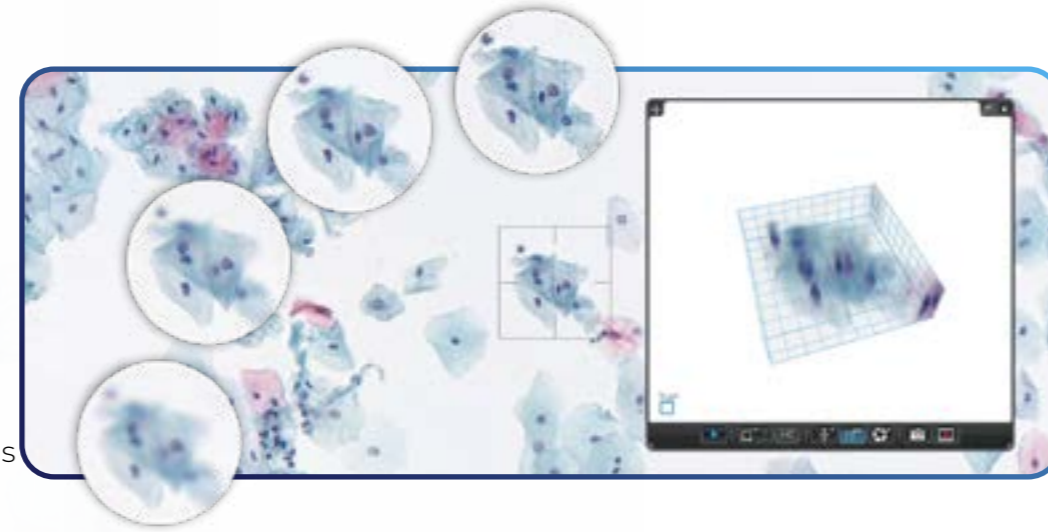
PANNORAMIC® Smart Cytology Scanning

The PANNORAMIC® Smart Cytology Scanners provides optimal image resolution and quality for digital screening and analysis. Digital diagnosis in cytology increases the screening accuracy and efficiency. We offer real-time collaboration and AI assistance.

The Flash Technology PANNORAMIC® Digital Whole Slide Scanners

- Improve the cytology diagnostic workflow
- Ideal for conventional and liquid based cytology slides
- Support various type of cytology samples:
 - » Blood Smear
 - » Bone Marrow
 - » Body Fluid
 - » Urine
- Supports stained samples (Papanicolaou)
- Preparation Solution Providers
 - » ThinPrep, ILSA Diagnostic, BD Sure Path, CellSolutions
- Novel AI-based preview technics
- Auto-detection of type and characteristic of cytology samples
- Auto-calibration of the scanner for each individual slides
- Robust virtual slide storage
- Scientific Image Viewing option
- Scanning output is MRXS, DICOM
- Digital images can be:
 - » stored locally or on any network drive
 - » can be uploaded to cloud storage or VNA archive including PACS
 - » can be sent to 3rd party Digital Cytology Image Analysis

Z-stack, Extended layer scanning options



Fully Automated High-Volume Screening

Remote Process Control & Monitoring

Fast, Easy, Accurate diagnosis

Local or Networked Scanning Solution

Teleconsultation

Whole Slide Cytology Image Analysis

Compability – Ecosystem Partners



Vision Cyto Pap Clinical Application Module

- » Automatic pre-classification by Bethesda system
- » Creating digital sample and cells gallery
- » Database for archive management
- » Bi-directional communication with LIS
- » Pre-set cell atlas



CYTOPROCESSOR® Clinical Application Module

- » AI-powered Cervical Cancer Digital Screening System, CE marked since Nov-2017
- » Identifies, locates and sorts abnormal cells
- » Faster Screening with Improved Accuracy
- » LIS/IMS integration and Remote Reading
- » Published Proven efficiency and in clinical use since 2018



Fully Automated Cervical Cytology



BestCyte® Clinical Application Module

- » Automated Whole Slide Digital Image Analysis System for liquid based thin-layer samples
- » Networked Storage for Virtual Slides
- » New Generation Cancer Screening
- » Detection of abnormal cells, grouping, sorting, listing



Cytology Scanning & Digitalization

	Loading Capacity (slides)	Resolution 40x (dry)	Resolution 80x (dry)	Immersion Objective (optional)
PANNORAMIC® 1000	up to 1200	0.24 um/pixel	0.12 um/pixel	Yes
PANNORAMIC® 480	up to 480	0.24 um/pixel	0.12 um/pixel	Yes
PANNORAMIC® 250	300	0.24 um/pixel	0.12 um/pixel	NA
PANNORAMIC® Flash MIDI	12	0.24 um/pixel	0.12 um/pixel	NA
PANNORAMIC® Flash Desk DX	1	0.24 um/pixel	0.12 um/pixel	NA



- PANNORAMIC® Whole Slide Cytology Scanners
- Fast Multilayer Scanning
- AI-based Scanning Algorithm
- Rapid processing – High Throughput – High Productivity
- Great Image Quality – High resolution
- Optimized for wide variety of cytological samples
 - » Liquid Based Cytology
 - » Conventional smears

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Please contact us at
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& send your sample
for scanning test!

