

AIDIAN



HemoScreen™

Easy-to-use point of care hematology analyzer

Diagnose and treat in a single visit

HemoScreen by PixCell Medical is an easy-to-use point of care hematology analyzer that provides high accuracy **CBC and 5-part differential within 5 minutes** from just a drop of venous or capillary blood. HemoScreen's unique disposable cartridge and new patented technology make the analysis simple at the physician's office. The measurement is exceptionally straightforward and can be carried out by nurses and other non-laboratory personnel.

True point of care testing near the patient



Single use sealed cartridges with room temperature storage



Small and portable analyzer without reagents, calibration or maintenance



Handy carrying case available for mobile work and home visits



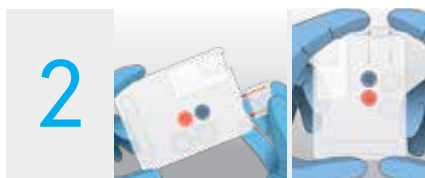
Accurate flagging of abnormal white blood cells and platelets¹

1. Linko-Parvinen A-M, Keränen K, Kurvinen K, Tienhaara A. HemoScreen hematology analyzer compared to Sysmex XN for complete blood count, white blood cell differential, and detection of leukocyte abnormalities. eJHaem.2022;1-7.

New measurement technology

HemoScreen uses a **patented technique** called viscoelastic focusing which causes the cells to perfectly align into a single plane. High resolution microscopic images are taken of the flowing cells. Each image is then analyzed using machine vision and AI algorithms, and the various cell types are differentiated and counted. WBCs are stained prior to analysis to enable differentiation between their subtypes and abnormal cells. HGB is calculated based on the optical density measured on individual intact cells.

Simple sampling



20 Parameters

WBC, NEU# & NEU%, LYM# & LYM%, MON# & MON%, EOS# & EOS%, BAS# & BAS% RBC, HGB, HCT, MCV, MCH, MCHC, RDW-CV PLT, MPV

Including flagging for immature granulocytes (IG), nucleated RBC, blasts and atypical lymphocytes.

Contact and orders

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Product	Product no.	Order no.
PixCell HemoScreen Analyzer	HS-FA-30219	154798
PixCell HemoScreen CBC 50 Tests+Samplers	BC-FA-00400	155207
PixCell HemoScreen Samplers, 100 pcs	BC-MA-00100	154990
PixCell Hemocup blood dispenser, 100 units	AC-MA-00100	154797
PixCell CBC-PIX control, 2 sets	OPI222TA3	154852
Opticon L-46X 2D barcode reader	14007	155011
Thermal paper 80x80x12, 1 unit	80/80/12 EH PAPER RO	155186
Citizen CT-E351 thermal printer	CTE351XXEBX	155339
Printer cable USB	PR.CABLE USB 1,8M	155340

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