

Hema-screen 10

Semiautomatic cell counter for the determination of the following parameters:

WBC - RBC - Hgb - Hct - MCV - MCH – MCHC – MPV – PCT - Plt

Built-in diluter and printer.



TECHNICAL CHARACTERISTICS

ORIFICE DIAMETER:	72 micrometers for WBC, RBC and Plt
READING TIME:	less than 30 "
SAMPLE VOLUME:	20 µl of whole blood
DILUTION RATIO:	RBC and Plt: 1:50.000, WBC 1:500
ASPIRATION VOLUME:	250 µl for RBC, WBC, Plt 1500µl for Hgb
ACCURACY:	WBC CV <2% (X=10.2x10 ³ /µl) RBC CV <1.5% (X=4.65x10 ⁶ /µl) Hgb CV <1.2% (X=13.2 g/dl) Plt CV <5% (X=250x10 ³ /µl) MCV CV <1% (X=87 µ ³)
REPEATABILITY:	RBC and Hgb CV <1.5 – WBC and Hct CV=2 – Plt CV=3.5
POWER SUPPLY:	220V a.c.; 50 Hz – 110V a.c.; 60 Hz
SIZE:	36 (L) x 40 (W) x 42 (H) cm
WEIGHT:	15Kg