



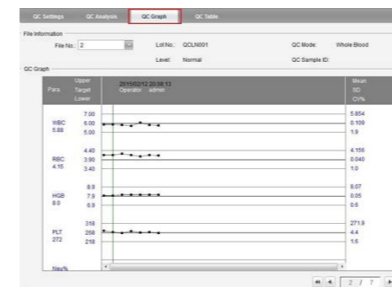
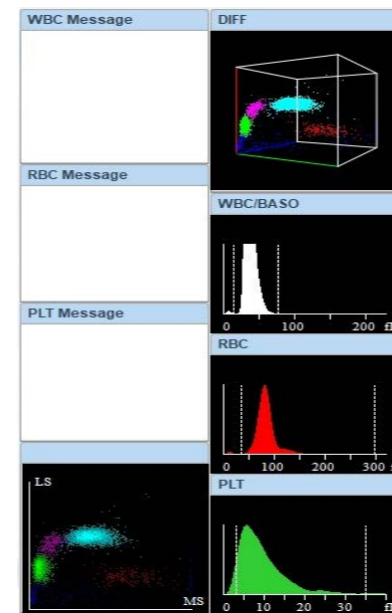
Automation and high throughput

cellagon 5**PRO**

5-PART HEMATOLOGY ANALYZER

UNIQUE FEATURES

- 3D laser scattering and chemical dye method for accurate 5 diff results
- Up to 80 test / hour performance
- 29 reported parameters including 4 research parameters
- Ultra wide linearity range
- Cyanide free colorimetric method for HGB determination
- Cutting-edge 5-part WBC differentiation technology
- BAR coded reagent protection
- Low reagent consumption
- Supports Venous Whole blood, capillary whole blood and prediluted modes
- Small sample volume 16µl for whole blood mode, 20µl for prediluted mode
- Complete instrument / reagent / QC system from one manufacturer "Made in EU"
- Built in BAR code reader for sample identification
- Bi-directional LIS communication
- Easy to use software interface



- Low reagent consumption, cost effective operation
 - Comprehensive QC programs (L-J, X-B, X and XR) with Diagon's unique CBC controls
 - Fully automatic calibration
 - Full blood picture from venous whole blood, capillary blood and prediluted blood
 - 3D scattergrams
 - The latest technology for WBC differentiation
 - Up to 80 tests / hour
 - Loading 60 samples in one time, continuous loading
 - Complete quality control and calibration management
-
- Easy to use, user- friendly and streamlined menu system
 - Up to 100.000 stored results
 - Optional printer
 - The system offers multiple testing modes and analysis
 - Support automatic sampling and manual sampling Customizable printouts and parameters
 - Automatic detection for machine status and reagent remaining volume
 - Customized and diversified printing template, can modify different parameters according to the requirements
 - Bidirectional LIS communication
 - Storing over 100.00 samples (including scatter plot, histogram, patient information)
-
- Automatic cleaning program
 - Automatic aperture cleaning
 - Automatic sampling probe cleaning
 - High efficient and cleaning technology
 - Automatic aperture blockage detection and cleaning
 - Software guided maintenance programs

cellagon5PRO



TECHNICAL SPECIFICATIONS

Parameters	WBC, Neu%, Lym%, Mon%, Eos%, Bas%, Neu#, Lym#, Mon#, Eos#, Bas#, (ALY%, ALY#, LIC%, LIC# (research parameter), RBC, HGB, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT, P-LCR, PLCC, three histograms, one 3D scatter plots, three 2D scatter plots
Numbers of parameter / histograms	29 parameters / 3D histograms / 3D scattergrams
Principle	Electrical impedance method for cell counting (RBC, PLT , WBC). Cyanide-free method for hemoglobin. Laser light scatter for WBC differential analysis
Sample Volume	Whole blood: 16 µl, prediluted capillary blood: 20 µl
Carryover	WBC, RBC, HGB, PLT ≤ 1,0 %
Data transfer	LAN, LIS connectivity + export to USB
Interface	Optional All-In-One PC
Operating environment	Operating temperature: 15-30°C, Operating humidity: 30% - 85%
Power Supply	AC 100-240VAC 50-60Hz
Dimensions	530 (H) x 612 (W) x 660 (D)(mm)
Weight	net weight 60 kg gross weight 80 kg
Printer	external (optional)
Sampling mode	Automatic sampling and manual sampling
Blood sample mode	Venous whole blood, capillary whole blood, prediluted blood

REF	Packing	Description
g-cell5pro	pc	Cellagon 5 PRO automated 5 diff hematology analyzer
h36501	20L	Cellaton-5D
h36502	0,5L	Cellalyse-BASO
h36503	0,5L	Cellalyse-DIFF II
h36504	1L	Cellalyse-DIFF I
h73136	0,1L	Cellaclean
D-CALD	3ml	D-CAL D calibrator 3ml
DDC5DT3L	3ml	D-Check 5Diff 3ml low
DDC5DT3N	3ml	D-Check 5Diff 3ml normal
DDC5DT3H	3ml	D-Check 5Diff 3ml high



EUROPE

Diagon Ltd. - Hungary
1047 Budapest, Baross str. 48-52.
phone: (+36 1) 369 6500
fax: (+36 1) 369 6301
e-mail: diagon@diagon.com

www.diagon.com

SOUTH AMERICA

DIAGNO Ltda. - Brasil
Av. Joaquim José Diniz, 787
CEP 31910-520
Bairro Fernão Dias
Belo Horizonte/MG
Brasil
Tel: (+55 31) 3488 6777
Fax: (+55 31) 3488 6778
e-mail: diagon@diagon.com.br
www.diagon.com.br

ASIA

PT. Inti Diagonama Selaras - Indonesia
Perkantoran Plaza Pasifik A3/59 -
Jl. Raya Boulevard Barat
Kelapa Gading Permal Jakarta 14250
Indonesia
tel.: (+62 21) 458 40649, 458 40650
fax: (+62 21) 458 45024
e-mail: dsu@centrin.net.id