

# ACCENT - 200

FULL AUTOMATIC CLINICAL CHEMISTRY ANALYZER

ALBUMIN  
TOTAL PROTEIN  
BILIRUBIN TOTAL  
BILIRUBIN DIRECT  
CHOLESTEROL  
CHOLESTEROL HDL-DIRECT  
GLUCOSE  
CHOLESTEROL LDL DIRECT  
CREATININE  
URIC ACID  
UREA  
TRIGLICERIDE  
ALAT  
ASAT  
AMYLASE  
LDH  
HBDH  
ALP  
GGT  
CK  
CK-MB  
LIPASE  
PHOSPHORUS  
MAGNESIUM  
CALCIUM  
FERRUM  
CRP Ultra  
Myoglobin  
Lipoprotein(a)  
Ferritin  
Total IgE  
Alpha-fetoprotein  
Beta-2-microglobulin  
Alpha-1-microglobulin  
RF ASO  
IgA  
IgG  
IgM  
TRANSFERIN  
APOLIPOPROTEIN (b)  
COMPLEMENT C3  
COMPLEMENT C4  
HAPTOGLOBIN  
CERULOPLASMIN  
FIBRINOGEN  
ALPHA 1 GLYCOPROTEIN ACID  
ALPHA 1 ANTITRYPSIN  
ANTITHROMBIN III  
HbA1c



WITH NEW  
TECHNOLOGY  
TO THE FUTURE



PZ CORMAY S.A.

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Automatic clinical biochemistry analyzer

## System Function:

Model:	Automatic, Discrete, Random Access STAT sample priority
Throughput:	200 tests/hour (without ISE)
Measuring principles:	Absorbance photometry, turbidimetry
Methodology:	End point, Initial rate, Kinetic single/Dual reagent chemistries, Monochromatic / Biochromatic, Linear/Non-linear multipoint calibration
Programming:	Open system with user defined profiles and calculation chemistries

## Optical System:

Light Source:	Halogen-tungsten lamp
Photometer:	Reserved optics, static fiber spot photometry
Wavelength:	340, 405, 450, 510, 546, 578, 630, 670 nm
Absorption range:	-0.1~5.0 Abs (10mm conversion)
Resolution:	0.0001 Abs

## Reagent and Sample Handling:

Reagent and Sample tray:	40 positions for reagent and 40 positions for sample in refrigerated compartment (4-10°C)
Sample volume:	3 – 45 µl, step by 0.5 µl
R1 volume:	180 – 450 µl, step by 1 µl
R2 volume:	3 – 450 µl, step by 1 µl
Reagent and Sample probe:	Liquid level detection and collision protection and inventory checking
Probe cleaning:	Automatic washing for both inside and outside, carry over < 0.1 %
Automatic sample dilution:	Pre-dilution and post-dilution, Dilution ratio up to 150
Dilution vessel:	Disposable cuvette

## Control and calibration:

Calibration mode:	Linear (one point, two points and multi- points), Logit-Log 4P, Logit-Log 5P, Spline, Exponential 5P, Polynomial 5P, Parabola
Control software:	X-R, L-J, Westguard multi-rule, Cumulative sum check, twin plot

## Operation Unit:

Operation System:	Windows 2000 Professional,XP
Interface:	RS-232

## Reaction System:

Reaction rotor:	Rotating try, containing 80 disposable cuvettes
Cuvette:	180 – 500 µl
Operating temperature:	37 ±0.1°C
Mixing:	Independent mixer

## Working Conditions:

Power Supply:	AC230V±10%,50~60Hz,1000W or AC110V±10%,50~60Hz,1000W
Temperature:	15-30°C
Humidity:	35-80%
Water consumption:	3.5 L/hour De-ionized
Dimension:	Bench top: 780 mm x 680mm x 630mm (W x D x H)
Weight:	110 kg

Distributor :



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