

# ABX Micros CRP 200

## Technical Specifications



### MEASUREMENT MODE:

**CBC Mode:** 16 parameters with graphics for RBC, PLT, and WBC populations. RBC, WBC, PLT, HGB, HCT, MCV, MCH, MCHC, PCT, MPV, Lymphocytes (% and #), Monocytes (% and #), Granulocytes (% and #)

**CBC + CRP Mode:** 16 parameters & CRP

### PARAMETERS:

WBC, RBC, HGB, HCT, PLT, CRP (C-Reactive Protein)  
MCV, MCH, MCHC, RDW, MPV,  
LYM%, LYM#, MON%, MON#, GRA%, GRA#

### METHODOLOGIES:

WBC, RBC and PLT: Impedance  
HGB: Spectrophotometry (Cyanmethemoglobin method)  
CRP: Latex immuno turbidity rate method  
Calculations from stored data that was directly measured for HCT, MCV, MCH, MCHC, RDW, MPV

### SAMPLE VOLUME:

CBC mode: 10 µL  
CBC + CRP mode: 18 µL

### SAMPLE PROCESSING:

On open tube with 4 position tube holder  
(QC, 500 µL, 3 mL, 5 mL)

### THROUGHPUT ANALYSES:

CBC mode: Within 1 mn 15 sec (48 samples/hour)  
CBC + CRP mode: Within 4 mn 30 sec (14 samples/hour)

### REAGENTS:

ABX Minidil LMG (10 L)  
ABX Cleaner (0.5 L)  
ABX Alphalyse (0.4 L)  
ABX CRP REA (100 tests)

### QUALITY CONTROL:

CBC Controls: ABX Minotrol 16 (3 levels)  
CRP Controls: ABX CRP Trol (2 levels)

### POWER REQUIREMENTS:

Power supply from 100 Vac to 240 Vac +/- 10%  
50 Hz to 60 Hz.  
Power consumption Maximum 150 VA.

### OPERATING TEMPERATURE:

18°C - 30°C (64°F-86°F) room temperature.

### DIMENSIONS AND WEIGHT:

Dimensions: 11.8" x 16.7" x 15.7" (31 x 41 x 40 cm)

Weight: 40 lbs (18 kg)

### SPECIFICATIONS:

#### Linearity

Parameters	Range	Visible range	Units
WBC	0-80	80-99.9	10 <sup>9</sup> /µL
RBC	0-7.5	7.5-8.0	10 <sup>12</sup> /µL
HGB	0-23.0	23.0-25.0	g/dL
HCT	0-62.4	62.4-80.0	%
PLT	0-900	900-999	10 <sup>9</sup> /µL
CRP (Whole Blood)	0-20	20-23	mg/dL
CRP (Serum)	0-15	15-18	mg/dL

(To measure up to 20 mg/dL, Hct value of sample must be more than 23%)

#### CERTIFICATIONS:

CE 98/79/EC	
EN 61326 : 2001	IEC 61010-1 : 2001
IEC 61000-3-2 : 2000	IEC 61010-2-81 : 2001
IEC 61000-3-3 : 2001	IEC 61010-2-101 : 2002



### INFORMATION MANAGEMENT:

Operating System	Windows XP
Hardware	"Zero" footprint keyboard/ computer module 15" flat panel monitor
Interfaces	HL7
Printer	Digital laser
Dimensions	2.75"H x 18.25"W x 8.5"D (7 x 46.7 x 21.6 cm)
Weight	16 lbs (7.3 kg)

# ABX Micros CRP 200

## For Rapid Patient Diagnosis

- > 16 Parameters CBC with Simultaneous CRP Option
- > 3 Part WBC Differential
- > Whole Blood Microsampling
- > Comprehensive Information Management
- > STAT Results



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graphic design : à l'ombre des étoiles

**HORIBA ABX**  
Diagnostics

HORIBA ABX, INC. 34 BUNSEN DRIVE IRVINE, CA 92618-4210 - PHONE 949.453.0500 888.903.5001 FAX 800.537.4666 www.horiba-abx.com

**A complete system  
designed to fit  
your needs.**

- > **CRP measurement on Whole Blood**  
(No centrifugation)
- > **Sampling on Primary tube in  
near patient locations**
- > **"Zero Daily Maintenance"**
- > **18 µL sampling volume for CBC + CRP**
- > **10 µL sampling volume for CBC**
- > **Ideal for capillary collection**  
(Pediatric and Oncology)
- > **4 position tube holder**  
(QC, 500 µL, 3 mL, 5 mL)
- > **Automatic sample probe cleaning**
- > **Quiet operation**
- > **STAT results**
- > **Single button start-up and shut down**

**ABX Micros CRP<sup>200</sup>**  
The Power Of Synergy



**Hematology and Immunology  
On A Single Platform**

**Information  
Management**

- > **Comprehensive patient  
data management**
  - Patient history log
  - Delta checking
  - Cumulative Reporting
- > **QC data management**
- > **Simple ordering of tests**
- > **Maintenance log**
  - Preventative maintenance log
- > **CLIA and HIPPA compliant**
  - Easy to use tutorial guide
  - Enhanced calibration procedure

**Therapeutic Decision-Making  
and Monitoring**

**PEDIATRICS**

**Determination of viral or bacterial origin:**

- > Antibiotic therapy, infectious disease,  
hospitalization, etc.

**ONCOLOGY**

**Patient monitoring Chemotherapy:**

- > Infection in the presence of Leukopenia

**RHEUMATOLOGY**

- > Monitoring anti-inflammation therapy

**INTENSIVE CARE**

**Post-operative monitoring:**

- > Antibiotic therapy, transfusions, etc.

**EMERGENCY SERVICES**

**Rapid patient diagnosis:**

- > Antibiotic therapy, transfusions, etc.