



**Address:**  
**JAMBU PERSHAD & SONS**  
6275/22 Nicholson Road,  
Ambala Cantt, Haryana,  
INDIA  
Pin: 133001

**Email:**  
sales@japson.com  
japsonambala@yahoo.com

**Website:**  
www.japson.com  
**Phone:**  
+91-171-4006897

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# Automatic Hematology Analyzer

## Product Image

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## Description

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Catalog No : 100142

Automatic Hematology Analyzer - Model 1290

## SALIENT FEATURES

- ✓ Throughput: 35T/H 8-inch touch screen 20 parameters + 3 histograms  
Sample volume: 10  $\mu$ L
- ✓ Reagents only
- ✓ Counting modes
- ✓ 100,000 sample results
- ✓ Support LIS and external printer
- ✓ CE marked

## TECHNICAL SPECIFICATIONS

- ✓ Principle Impedance for cell counting Cyanide-free method for HGB
- ✓ Parameters WBC, Neu#, Lym#, Mid#, Neu%, Lym%, Mid%, RBC, HGB, HCT, MCV, MCH, MCHC, RDW-SD, RDW-CV, PLT, MPV, PDW, PCT, P-LCR
- ✓ Histograms WBC, RBC, PLT histogram
- ✓ Languages English, Spanish, Italian, Portuguese, etc.
- ✓ Calibration Manual and Auto-calibration
- ✓ Quality control 3 level QC, LJ graph
- ✓ Sample volume Venous mode: 10iL venous blood Capillary mode: 10iL capillary blood Prediluted mode: 20iL capillary blood
- ✓ Display 8-inch color touch screen Liquid Crystal Display (LCD)
- ✓ Resolution 800 600
- ✓ Storage 100,000 sample results with histograms
- ✓ Reagent Lyse(500mL) and Diluent(20L)
- ✓ Printout Thermal printer, support external printer
- ✓ Temperature 18 - 35°C
- ✓ Power AC 100-240V, 50/60  $\pm$  1Hz
- ✓ Dimension 410mm  $\times$  435mm  $\times$  472mm

## MEASUREMENT RANGE

- | ➤ Parameters | Measurement range                     |
|--------------|---------------------------------------|
| ➤ WBC        | (0-99.9 $\times$ 10 <sup>9</sup> )/L  |
| ➤ RBC        | (0-9.99 $\times$ 10 <sup>12</sup> )/L |
| ➤ HGB        | (0-300.0)g/L                          |
| ➤ PLT        | (0-999 $\times$ 10 <sup>9</sup> )/L   |

## PERFORMANCE

➤ PARAMETERS	PRECISION (CV)	
➤ WBC	= 2.0%	(7.0 - 15.0×10 <sup>9</sup> ) L
➤ RBC	= 1.9%	(3.5 - 6.0×10 <sup>12</sup> ) L
➤ HGB	= 1.9%	(110.0 - 180.0g) L
➤ MCV	= 0.4%	(80.0 - 110.0) fL
➤ LT	= 4.0%	(100.0 - 500.0×10 <sup>9</sup> )/L

## Disclaimer

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The Products details given on this page are indicative in nature and JAPSON reserves the right to change them without prior notice. Buyer is also requested to re-check the specifications and other features of product at the time of order as product development is a continuous process and minor modifications may be made to design based on latest availability, process and design.