

*True Walk-Away  
Fully Automatic  
Haematology Analyzer  
with 18 Parameters*



***AMS CC-18***

# AMS CC-18

## Features:

### PARAMETERS

- WBC, RBC, HGB, HCT, MCV, MCH, MCHC, RDW, PLT, MPV, PCT, PDW.
- LYM %, LYM #, MID %, MID #, GRAN %, GRAN #.
- WBC, RBC, PLT histograms.

### Sample Volume:

- 25  $\mu$ l.

### Measurement Chambers:

- 2 (RBC, PLT) and (WBC).

### Aperture Diameter:

- 80  $\mu$ m/RBC-PLT and 100  $\mu$ m/WBC

### Throughput :

- 45 Test/hour.

### Accuracy:

- WBC: 3%, RBC: 2%, HCT: 3%, MCV: 2%, PLT: 4%

### Volume sensors to:

- Reagents and waste.

### Calibration:

- Calibrator
- Factor

### Multilanguage:

- English, Spanish, Portuguese (others available).

### Different species supported:

- Human.
- Veterinarian (dog, cat, horse, up to 6).

### Maintenance program:

- Clog prevention:
  - High-voltage pulses on both apertures (each analysis cycle)
- Chemical cleaning of both apertures (Cleaner reagent).
- Positive and negative solution pressure flush mode.
- Internal and external washing probe system.

### Control data management:

- Q.C. graphics: incl. mean, min/max range, SD and CV for all measured and calculated parameters, Levey-Jennings charts, separate QC database.
- Capacity to store 150.000 samples with histograms.

### Principles:

- Impedance method for WBC, RBC and PLT
- Colorimetric method for hemoglobine test.

### Sampling methods:

- Autosampler with Cap Piercer for 48 tubes
- Open or closed tube sample.

### Instalation:

- Power requirements: 110 - 220 V / 50 - 60 Hz. less 50 VA.

### Weight:

- 25 kg.

### Dimensions:

- 370 mm x 470 mm x 380 mm (H x W x D).

### Printers:

- Dot matrix printer, built in thermal printer.

### Operating Environment:

- Temperature 15 °C – 30 °C



Enterprise House,  
197 - 201 Church Road, Hove,  
East Sussex BN3 2AH. U.K.

Tel: +44 845 217 9660

Fax: +44 845 217 9661

[www.amsintlonline.com](http://www.amsintlonline.com)

