# Labtest

# Aud·H3

*Hematology analyzer with 3-part differential counting, measuring 19 parameters and 3 histograms. Capacity of up to 40 samples per hour..*

**Robustness and simplicity.** It uses only two reagents in the routine, a diluent and a lysing solution, to determine the parameters; Signaling of differentiation or morphology of abnormal blood cells. Automatic washing of sample probe after every analysis, using a diluent. An intuitive operational system, with touch-screen simplifying location and activation of functions.

**Low sample consumption with reliable results.** The expert pipetting system enables aspiration of reduced volumes in an open tube with the use of 20μL in pre-diluted module and 9μL in whole blood module. Featuring a high data storage capacity, reaching up to 200,000 results with histograms.

**Versatile and ease-of-use design.** 8,4 inches Screen. Featuring a space-saving smart design, weighing only 20 kg and reagents coupled to analyzer. Data communication capacity via Wi-Fi (optional) in conjunction with bi-directional LIS, USB port, LAN port and barcode reader (optional).

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## Model Specifications

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|---|---|
| Nominal speed | • 40 samples/hour |
| Number of parameters | • 19 (WBC, LYM%, LYM#, MID%, MID#, GRA%, GRA#, RBC, HGB, MCV, MCH, MCHC, RDW-CV, RDW-SD, HCT, PLT, MPV, PDW, PCT)<br>• 3 histograms to WBC, RBC and PLT |
| Reagents | It operates with 2 reagents (diluent and hemolyzing solution) |
| Samples | • 20 μL pre-diluted module<br>• 9μL whole blood module<br>• Optional barcode reader |
| Methodologies | • Impedance<br>• Photometry (hemoglobin) free of cyanide |
| Pipetting system | Open tube pipetting |
| Data storage | Up to 200,000 results including graphical and numerical information |
| Interface system | • 4 USB ports (external printer, software update, barcode reader, WIFI adapter, keyboard, mouse.<br>• 1 LAN port |
| Quality Control | It allows the enrollment of control samples and visualization of statistical and graphical data |
| Screen | 8.4 inches TFT touch-screen |
| Dimensions (HxLxW) | 40 x 30 x 41 cm |
| Weight | 20 kg |