COULTER® Ac•T diff 2™ Hematology Analyzer

**Method and Technologies**
- Coulter Principle: counting and sizing
- Triplicate counting
- Extended platelet counting
- Capillary hemoglobin

**Parameters**
- WBC
- RBC
- Hgb
- MCV
- MCH
- MCHC
- RDW
- Ht
- MPV
- MCV
- Mo%
- MO#

*Not intended for diagnostic use.

**Sample Analysis Characteristics**
- Closed or open vial sampling
- Whole blood closed vial mode 18 µL
- Whole blood open vial mode 18 µL
- Prestain 20 µL
- Automatic probe wipe

**User Interface**
- Touch screen
- Language independent icons
- Single screen display of all results
- Single screen for all input

**Linearity**
- Parameter: Linearity Range Difference
- WBC: 0.0-99.9 x 10^3 cells/µL ±0.3 or ±5.0%
- RBC: 0.0-7.00 x 10^6 cells/µL ±0.05 or ±5.0%
- Hgb: 0.0-25.0 g/dL ±0.2 or ±3.0%
- MPV: 5.0-20.0 fl ±10 or ±10.0%

**Precision**
- Parameter: %CV
- WBC: 6.0-15.0 x 10^3 cells/µL ±3.0
- RBC: 3.0-6.0 x 10^6 cells/µL ±3.0
- Hgb: 12.0-18.0 g/dL ±2.0
- MCV: 80.0-200.0 fl ±3.0
- MPV: 5.0-20.0 fl ±3.0
- RDW: 12.0-15.0 % ±3.0
- Mo%: 20-50% ±3.5 (% SD)
- MO#: 200-500 x 10^3 cells/µL ±3.5 (% SD)
- GR: 30-70.0 % ±3.5 (% SD)

**Results You Can Trust with the Superior Support Your Lab Needs**

COULTER® Ac•T diff 2™ Hematology Analyzer

**Results in less than 30 seconds. Minimum of 50 samples per hour.**

**Data Management**
- Patient ID auto-numbering
- 1/4 digit manual patient ID
- Three user-definable patient ranges for reporting results
- Linearity range for result limits reporting
- Data storage for 250 patient results
- QC storage for 3 controls and 279 results
- Levy Jennings graphs

**Printer**
- Graphics printer, rol printer or ticket printer

**Host Communication**
- RS232C with ASTM standards

**Dimensions/Weight**
- Height: 49cm (19in)
- Width: 45cm (18in)
- Depth: 43cm (17in)
- Weight: 20kg (45lb)

**Power**
- 100v + 10%, 50/60Hz
- 120v + 10%, 50/60Hz
- 220v + 10%, 50/60Hz
- 240v + 10%, 50/60Hz

**Consumption**
- Less than 120W

**Installation**
- Category 4 per IEC 310/1-1
The COULTER® A•T diff 2™ hematology analyzer is an affordable, easy-to-use system that is ideal for a physician’s office lab or smaller laboratory. As a fully automated, 16 or 18 parameter system, the A•T diff 2 offers a CBC and Coulter Histogram differential for consistently accurate results. Plus, this compact analyzer provides closed vial sampling to maximize safety and efficiency in your lab. It also offers a small sample volume in both open and closed analysis modes, a wide operating range and multiple output formats. With the reliable performance of the A•T diff 2 and our superior customer support, you’ll achieve maximum uptime in your laboratory.

Efficient Data Management Ensures Accurate Results
- User-definable high/low flagging of patient results and quality control simplifies data interpretation
- Storage of three levels of control and automated calibration procedures enhances productivity and assures accurate capture and calculation of data
- Meet your lab’s individual needs with six different reporting styles including WBC, RBC & PLT histograms and tickets

Ease of Operation and Superior Sample Handling Increases Productivity
-CBC and differential results are easily obtained with sophisticated, yet user-friendly technology
- Wide operating ranges and extended platelet counting simplify handling of samples with abnormally high or low results
- Closed vial sampling for controls and calibrators provides operator safety
- Small 18 µl sample size enables processing of hard-to-obtain specimens

Service You Can Count On
We continually prove our dedication to our customers through our world-class service and support network. We provide fast, efficient technical support with a quick service response time. Regardless of which Beckman Coulter system your lab relies on, you can count on us to ensure that they will continue to operate at peak efficiency for years to come. Contact your Beckman Coulter representative today for more information on how the A•T diff 2 can deliver greater productivity and efficiency in your lab.

Superior service and a quick response time increase uptime in your lab.

Running Samples is Easy
1. Select sample mode and verify ID via the intuitive touch screen
2. Place sample or control tube into the closed vial sample station
3. Review results in less than 60 seconds.

Gain confidence in results with the A•T diff 2.

Specially formulated reagents, controls and calibrators ensure accurate results.