

## Diatron Introduces New 3-Part Differential Hematology Analyzer

The new Abacus 3CT compact analyzer offers enhanced capacity and flexibility



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**BUDAPEST, HUNGARY (April 1, 2014):** The [Diatron Group](#), a global provider of hematology and clinical chemistry analyzers, has launched a new version of its Abacus 3CT hematology analyzer. The new Abacus 3CT is a compact, bench-top, flexible 3-part differential analyzer which now offers 22 parameters to deliver even more patient data, and with its cap piercing capability, it can be used with sample tubes that are open or closed for greater convenience.

As part of the Diatron continuous update program - which ensures that Diatron products meet customer requirements in line with changing pathology needs - the new analyzer has been enhanced significantly from the original version. A number of further key product enhancements now incorporated into the new analyzer deliver many additional user benefits. The most visually apparent change is the introduction of the latest 8" high resolution, color touchscreen with new intuitive multi-lingual user interface, making it clear and simple to operate.

Significantly, the new Abacus 3CT has an enhanced package of on-board quality control (QC) features. The QC capacity has been greatly increased to 24 lots, and QC values can now be loaded via QR codes or USB to avoid any incorrect assignment of values. Operating rights can also be assigned to selected operators to ensure only trained persons can use the system. In addition, an on-board log details when reagents were last changed, with a constant on-screen display of reagent expiry dates

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as well as remaining reagent volumes. Additional QC features, such as aperture anti-clog protection and automatic cleaning after every 15 sample measurements, further ensure the quality and reliability of diagnostic results.

To accommodate the increased volume of data generated by the 22 parameter measurements, the on-board data storage capacity of the Abacus 3CT has been doubled to 10,000 records, with improved LIS connectivity for results transfer.

All the new features make the Abacus 3CT exceptionally easy-to-use and an ideal solution for small laboratories, satellite clinics and doctors' offices alike. For more information on the Abacus 3CT and other Diatron products, please visit the Diatron Group website: [www.diatron.com](http://www.diatron.com).

## **Editors' Notes**

### **The Diatron Group**

Diatron develops, manufactures and markets hematology and clinical chemistry analyzers, and associated reagents for human medical and veterinary use. The company was founded over 20 years ago and, since its inception, has been at the forefront of laboratory diagnostics. Today, in its new production facility in Budapest, Hungary, the extensive R&D/Engineering team develops and manufactures a broad product range including: hematology analyzers, hematology reagents (both for its own and other manufacturers' analyzers), hematology control material, clinical chemistry analyzers, clinical chemistry reagents and clinical chemistry controls.

The brand name of Diatron has been established throughout the world with its products being sold and marketed in more than 100 countries. Today, there are over 30,000 Diatron clinical chemistry and hematology analyzers in laboratory use, with a customer base that continues to grow strongly year after year.