



Dutch Diagnostics b.v.

Human and animal care

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Dutch Diagnostics News

Announcing the new DC Analyzer upgrade

A new version of DC Analyzer! Starting September 2014 our new DC Analyzer upgrade is available in two models representing proven and reliable technology for smaller labs that need a robust stand-alone System – or larger labs that need a powerful backup and efficient workflow.



Available in two known models:

- **The DC Analyzer start-up:** a basic version offering photometric clot detection at 405nm. This economic model provides an ideal feature and price ratio for all small labs performing routine testing only.
- **The DC Analyzer PLUS**, offering a photometric measuring principle at 405, 570, 740nm suitable for all clotting, chromogenic and immuno-logic assays. This model is the right choice for all larger labs looking at routine and special testing.
- Both models further available in a compact design or including cover at your choice.

A perfect match for small and medium sized labs needing a reliable and quality stand-alone analyzer – or larger labs that need a most extensive backup.

Features at-a-glance

	DC Analyzer Start-up	DC Analyzer PLUS
Photometer type / measuring channels	LED / 2	LED / 2
Wavelength (nonometer)	405	405 / 570 / 740
Compact or covered design (selectable)	✓	✓
Coagulation: PT, APTT, Fibrinogen, PT/FIB, TT, BT, Protein C&S, Ecarin Test, Factors (II-XII), Factor V Leiden, PiCT	✓	✓
Chromogenic: AT III, TDT, TAFI	✓	✓
Latex Assays: D-Dimer, C-Reactive Protein	✓ (405nm only)	✓
Soft- and Hardware features		
• AutoRepeat	yes	yes
• Manual & Auto Calibration	yes	yes
• Automated pre-dilution of calibration ranges	yes	yes
• STAT program	yes	yes
• Automated result calculation	yes	yes
• Continuous loading	yes	yes
• External Barcode Scanner (option)	yes	—
• Uni-Directional Communication (LAN)	yes	—
• Bi-Directional LIS Communication (LAN)	—	yes
• Quality Control Program (on-board)	—	yes
• Internal Barcode Scanner (Sample ID)	—	yes
	yes	yes

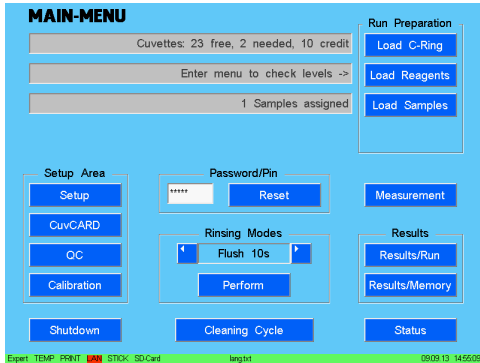
Dutch Diagnostics is expanding its range of products to offer its customers full services and support around the field of hemostasis products. The introduction of a new line of system - routine coagulation reagents and controls marks a next important step in completing our product range. We now have made a major step forward in offering a full system solution suitable and fully adapted for the DC Analyzer.

Our reagents represent the right choice, if your lab looks for consistent and confident quality at competitive prices.

Read more on last page...

Learn more about our new DC Analyzer

Wider Touch Screen

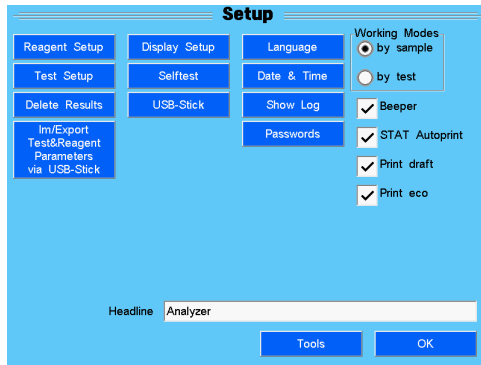


Intuitive touch operation.

The new integrated LCD colour touch screen offers a visible area of 17.0x12.5cm (8.4") and provides a display resolution of 800x600 pixels.

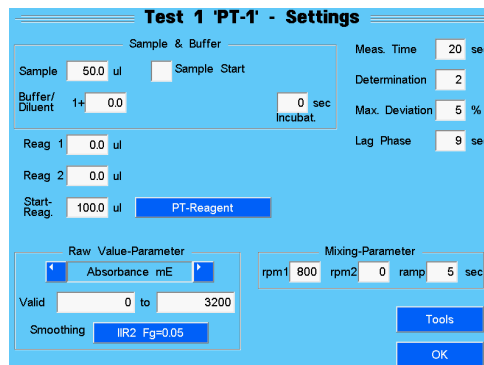
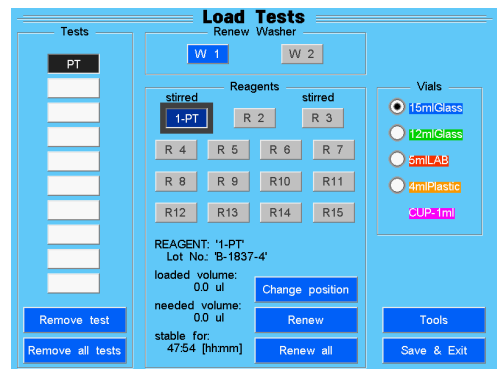
This new touch screen offers about double size and visible area compared to the formerly used version. Consequently it offers a more convenient and comfortable operation.

Constantly the DC Analyzer can be operated without any peripheral equipment and therefore still provides a small footprint to ideally fit into smaller laboratories.



New software appearance

Due to new wider touch screen (8,4" TFT LCD) of DC Analyzer the software has been re-designed to ideally fit into the new visible hardware performance. The new software contains still the known features but in a more compact and intuitive design. Now more information and features are available on less screens.



Automated pre-dilution of calibration ranges

Our development efforts now offer the extension of calibration ranges higher than 1:50 through an automated pre-dilution of calibration standards.

This feature allows dilution of pathological samples also in a very low concentration by having the sample automatically pre-diluted, e.g. D-Dimer lower than 200ng/ml.

Test 1 'PT-1' - Clotting

1st conversion

Unit conversion sec --> %

Mode: in/out -->

Output format %

2nd conversion

MNPT sec ISI

Auto Calibration

Diluent Determination

Cup LABiTec Hitachi

Test 1 'PT-1' - Clotting

%	Dilution	sec	Standard
100.00	1+	0.0	11.8
50.00	1+	1.0	13.2
25.00	1+	3.0	17.7
12.50	1+	7.0	28.6
0.00			

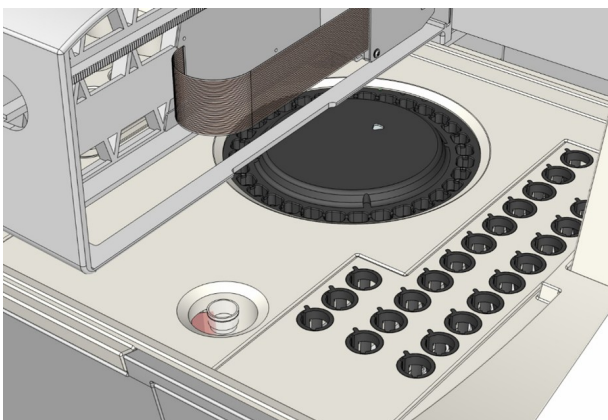
Concentration

Name

Lot No.

Convers. range to %

Improved throughput



All DC Analyzer models meet the requirements of laboratories with low throughput and purely routine diagnostics as well as for large laboratories with advance special diagnostics and higher routine workload. Especially for routine diagnostics time is a matter of concern.

Integration of new and faster motor generations now offers a significant improvement in the throughput speed. PT measurements now reach an level of about **120 PT/h** (~ +35%).

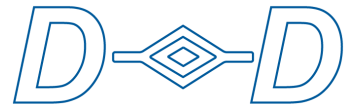
This improvement now allows operation of DC Analyzer even in larger laboratories having a higher routine workload.

Introducing DC Analyzer new Service Software

An effective and fast service & support is important to guarantee effective assistance to the customer base. The new DC Analyzer software therefore provides a new generation of service software already installed on the system fully functional using the internal touch screen.

All components, areas and parts can be setup and adjusted by this new software feature, without use of any peripheral equipment or software.

Your partner in system concepts



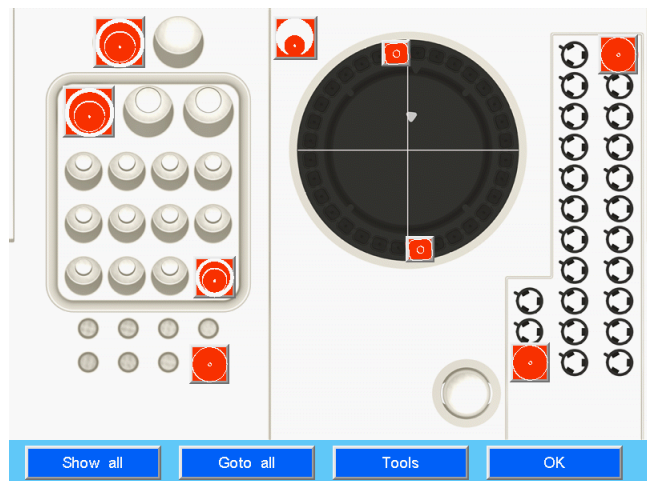
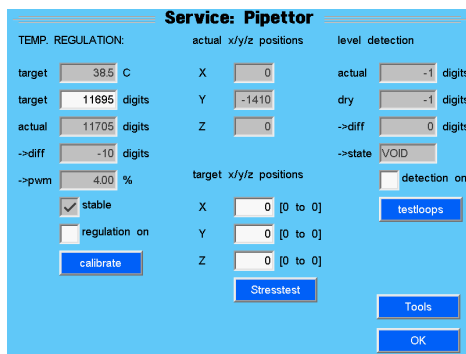
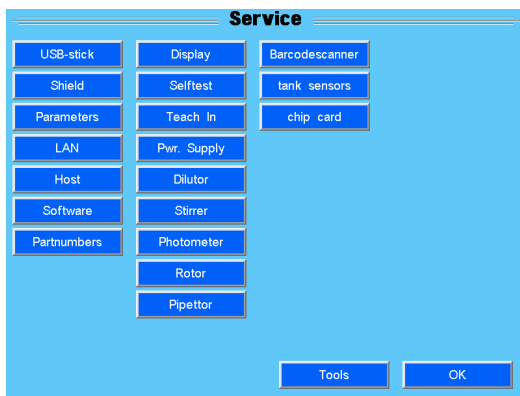
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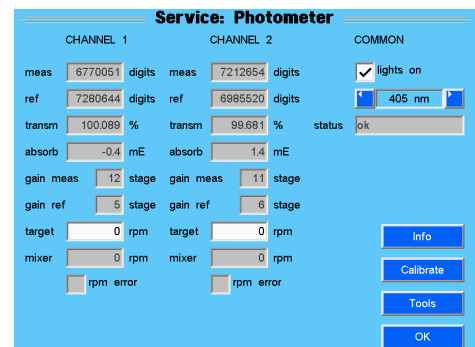
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Features at a glance:

- Service Software integrated in DC Analyzer, no additional PC required
- Full operation using the 8.4" internal touch screen interface
- Economic handling for field and in-house service personell
- All parts and components to be adjusted and setup by internal software
- Software updates easy to load
- Remote access by TCP/IP LAN interface



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