

Technical Specification D.C. Analyzer +

Measuring Principle

- Photometric 2-channel LED Photometer, incl. 2 reference channels

Measuring unit

- Measuring rotor controlled at 37°C

Test Volume

- 32 cuvette ring for single use
- Total min. required 150µl, max. 300µl

Sample/Reagent Platform

- 2x11 sample positions (manually adjustable)
- 15x reagent positions (3x15ml stirred, 12x5ml)
- 3x STAT positions
- 2x separate positions for washing and cleaning solution
- 1x rinsing station

Sampling

- Capacitive pipetting device
- Pipetting device controlled at 37.0°C
- Dilutor, 2-250µl dispensing volume
- Throughput: ca. 120 PT/h

Display

- Touch sensitive graphic color display
- 800x600 pixels, 17.0 x 12.5cm

Interfaces

- 2x RS232C, 2x USB, LAN & ChipCARD reader



External Connections

- External USB printer (option)
- External Barcode Scanner via RS232C (option)

Dimensions/weights

- 78.0x58.2x49.8cm, ca. 25Kg
- 30.7x22.9x19.6 in, ca. 55.1lb

Reagents

- System Reagents suitable for D.C. Analyzer +
- Recommended calibration values available with each reagent batch (PT/Fibrinogen)
- Assigned values and ranges for Standard and Control Plasma (PT/APTT/Fibrinogen)
- Standard & Control Plasmas available

D.C. Analyzer +

Fully automated coagulation analyzer



Dutch Diagnostics
Hekkehorst 3
7207 BS Zutphen
The Netherlands

tel +031 (0)575-512300
fax +031 (0)575-510164
email info@dutch-diagnostics.com



www.dutch-diagnostics.com

www.dutch-diagnostics.com



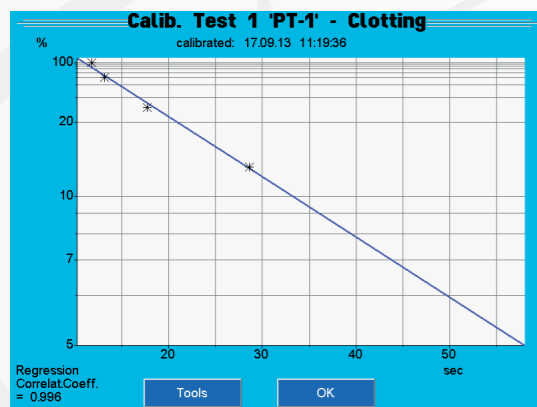
Your partner in
system concepts.

The D.C. Analyzer + system features

The D.C. Analyzer + represents a highly reliable fully automated benchtop analyzer for the small and mid-sized laboratory. The stand-alone concept offers small footprint and guarantees continuous compliance to a changing laboratory environment at any time.

Basic System-Highlights

- Intuitive graphic user interface on a large color touch display
- 50 reagents and test locations individually editable
- Memory for up to 10.000 results and curve data
- No carryover by use of special washing solution (4 different intensive cycles available)
- Automated result calculation and conversions programmable
- Auto-repeat function
- Manual and automated calibration selectable (up to 7 points)
- Automated MNPT calculation if standard is lower than 100%
- Cuvette system avoids interferences caused by air-bubbles and insufficient mixing of test-volume
- Internal service software and self-test functions



Load Samples & STAT

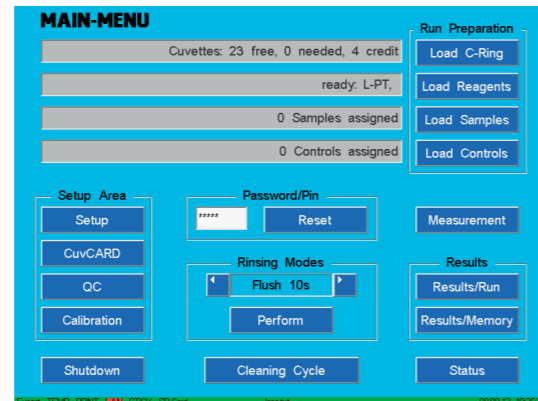
Vial: LABi Tec, Hitachi, Primary, PrimaryLong

FOR EMERGENCY ONLY

STAT1, STAT2, STAT3

Samples: 0, Controls: 0

Buttons: Erase Joblist, Show Joblist, Show Timeline, Tools, OK



User friendly

- Small foot-print, no external equipment required
- Intuitive graphic user software
- Touchscreen navigation (large multi-color display)
- Pre-set maintenance programs
- Multi-language software

Reliable

- High sensitive LED photometer with reference channels
- Linearity up to 3 OD
- Free selectable evaluation methods (fixed absorbance, kinetic, difference, mE/sec.)
- STAT-program

Economical

- Open system
- Single-use cuvette rings (32 cuvettes each)
- Micro volume (150µl – 300µl)
- Removable reagent tray suitable for various reagent vial sizes (for storage in cooler)

D.C. Analyzer + systems available

The D.C. Analyzer + is a fully automated analyzer with proven and reliable technology for both the smaller labs - needing a robust stand-alone system - and for the larger labs needing a powerful backup system and efficient workflow.



	D.C. Analyzer +
Photometer type	LED
Wavelength (nanometer)	405 570 740
Cover (additional order option)	✓
Coagulation: PT, APTT, Fibrinogen, TT	✓
Chromogenic: AT III, Plasminogen, α2 Anti-Plasmin	✓
Special assays: PT/FIB, Protein C&S, Ecarin Test, BT, Extrinsic Factors II, V, VII, X, Intrinsic Factors VIII, IX, XII, Factor V Leiden, Lupus, PiCT, TDT, TAFI	✓
Latex Assays: D-Dimer, C-Reactive Protein	✓
Basic Soft- and Hardware Specification	
<ul style="list-style-type: none"> • AutoRepeat function • Manual & automated calibration • STAT program • Automated result calculation and conversion • Continuous loading 	<ul style="list-style-type: none"> ✓ ✓ ✓ ✓ ✓
Soft- and Hardware features	
<ul style="list-style-type: none"> • Quality Control Program (Levy-Jennings Chart / Westgard Rules) • Bi-Directional LIS Communication (LAN) • Uni-Directional Communication (LAN) • Positive barcode scanning • External Barcode Scanner (option) • Integrated Service Software 	<ul style="list-style-type: none"> ✓ ✓ - ✓ - ✓

www.dutch-diagnostics.com
Human and animal care