



COAGULATION

Product Range



- Thromboplastin
- Activated Partial Thromboplastin Time
- Fibrinogen
- Thrombin Time
- D-Dimer
- Factor Deficient Plasmas
- Control & Reference Plasmas

Features and Benefits

- Easy test procedures
- Liquid-stable reagents
- Lyophilised control and reference plasmas
- Immunospectrometric clotting principle
- High sensitivity reagents
- Suitable for manual procedures as well as on semi- or fully automated coagulation instruments



Reagents

Prothrombin Time (PT)



Product	Description	Content	REF	CE
Thromboplastin liquid (PT)	ISI 1.2-1.35, liquid	5 x 2 mL	T126115	✓
		5 x 4 mL	T126110	✓
Thromboplastin-S (PT)	PT, ISI 1.15 – 1.3, lyophilized	10 x 10 mL incl. 10 x 10 mL solvent	T955251	✓
		10 x 5 mL incl. 10 x 5 mL solvent	T955221	✓

Activated Partial Thromboplastin Time (APTT)

Product	Description	Content	REF	CE
APTT-EA liquid	APTT, Ellagic acid activated, liquid	1 x 8 mL reagent	C01130SV	✓
		5 x 8 mL reagent	C01130	✓
		2 x 5 mL reagent + 2x 5 mL CaCl ₂	C14130	✓
APTT-S liquid	APTT, Silica activated, liquid	10 x 5 mL	T085420	✓
		10 x 10 mL	T085450	✓

Fibrinogen (FIB)

Product	Description	Content	REF	CE
Fibrinogen Kit	Human, clotting	5x 2 mL Human Thrombin, lyophilized 3x 1 mL Normal Coagulation Ref. Plasma, lyophilized 1x 1 mL Abnormal Coag. Ctrl. Plasma, lyophilized 1x 125 mL IBS Buffer	T955500	✓
Human Thrombin	clotting, lyophilized	10 x 2 mL	T955502	✓
		10 x 5 mL	T955555	✓

Thrombin Time (TT)

Product	Description	Content	REF	CE
Thrombin Time (TT)	Human, clotting, lyophilized	5x 3 mL	T955560	✓

D-Dimer



Product	Description	Content	REF	CE
D-Dimer for DIAcheck & Coalyser	For DIAcheck & Coalyser	1 x 5 mL D-Dimer Latex Reagent 1 x 7 mL Reaction Buffer 1 x 7 mL IBS Buffer 1 x 1 mL D-Dimer Calibrator 1 x 1 mL D-Dimer Control Low 1 x 1 mL D-Dimer Control High	T099702	✓
D-Dimer for DIAcheck & Coalyser	For DIAcheck & Coalyser	2 x 5 mL D-Dimer Latex Reagent 2 x 7 mL Reaction Buffer 1 x 7 mL IBS Buffer 1 x 1 mL D-Dimer Calibrator 1 x 1 mL D-Dimer Control Low 1 x 1 mL D-Dimer Control High	T099703	✓
D-Dimer Control Low	For DIAcheck & Coalyser	5x 1 mL Control Low, lyophilized	T199711	✓
D-Dimer Control High	For DIAcheck & Coalyser	5x 1 mL Control High, lyophilized	T199712	✓
D-Dimer Latex Agglutination Kit	Manual Test Procedure	1 x 2.7 mL D-Dimer Latex 1 x 25 mL D-Dimer Buffer 1 x 0.5 mL Positive Control 1 x 0.5 mL Negative Control 5 Testcards 50 Mixing Sticks	T9515707	✓

Factor Deficient Plasmas

Product	Description	Content	REF	CE
Deficient Plasma Factor II	For PT, lyophilized	10 x 1 mL	T994702	✓
Deficient Plasma Factor V	For PT, lyophilized	10 x 1 mL	T994705	✓
Deficient Plasma Factor VII	For PT, lyophilized	10 x 1 mL	T994707	✓
Deficient Plasma Factor VIII	For APPT, lyophilized	10 x 1 mL	T994708	✓
Deficient Plasma Factor IX	For APPT, lyophilized	10 x 1 mL	T994709	✓
Deficient Plasma Factor X	For PT, lyophilized	10 x 1 mL	T994710	✓
Deficient Plasma Factor XI	For APPT, lyophilized	10 x 1 mL	T994711	✓
Deficient Plasma Factor XII	For APPT, lyophilized	10 x 1 mL	T994712	✓

Auxiliary Reagents



Product	Description	Content	REF	CE
Calcium Chloride, 0.020 M*	For APTT-EA	5 x 10 mL	C03101	
Calcium Chloride, 0.025 M*	For APTT-S	5 x 10 mL	C03100	
Imidazole Buffered Saline*	For FIB and Human Thrombin	2 x 125 mL	T955504	

*general laboratory equipment

Control & Reference Plasmas

Product	Description	Content	REF	CE
Normal Coag. Reference Plasma	For PT, FIB, lyophilized	10 x 1 mL	T955105	✓
Normal Coag. Control Plasma	For PT, APTT, FIB, TT, lyophilized	10 x 1 mL	T955100	✓
Abnormal Coag. Control Plasma	For PT, APTT, FIB, lyophilized	10 x 1 mL	T955101	✓
Special Calibration Plasma	For Deficient Plasma Factors, Prot. S, Prot. C, lyophilized	10 x 1 mL	T155105	✓
Special Control Plasma Normal	For Deficient Plasma Factors, Prot. S, Prot. C, lyophilized	10 x 1 mL	T155100	✓
Special Control Plasma Abnormal	For Deficient Plasma Factors, Prot. S, Prot. C, lyophilized	10 x 1 mL	T155101	✓





INSTRUMENTS



DIACHECK[®] Coagulometers

Highlights



- Upgraded Hardware & Software
- Clotting, chromogenic or immunoturbidimetric assays
- Quarter method (75 µL total volume)
- Auto start function
- Maintenance free
- Closed system cuvettes
- Coloured Touchscreen

General Features

Product	DIACheck [®] C1	DIACheck [®] C2	DIACheck [®] C4
General			
Dimensions	230 x 148 x 94 mm (l, w, h)	230 x 148 x 94 mm (l, w, h)	230 x 148 x 94 mm (l, w, h)
Pre-warm temperature	37°	37°	37°
Pre-warm cuvettes positions	10	20	20
Pre-warm reagent 24mm positions	1	1	1
Pre-warm reagent 22mm positions	2	2	2
Pre-warm reagent 11mm positions	2	2	2
Reagent mixing position	none	1	1
Power values	110-240Vac, 50-60Hz / 5Vdc, 3.3A	110-240Vac, 50-60Hz / 5Vdc, 3.3A	110-240Vac, 50-60Hz / 5Vdc, 3.3A
Interfaces			
RS232 (2x)	Printer, Barcode reader	Printer, Barcode reader	Printer, Barcode reader
USB (2x)	Network, Firmware update	Network, Firmware update	Network, Firmware update
Bluetooth	Cloud, App	Cloud, App	Cloud, App
Optic / Tests			
Optic channels	1	2	4
Wavelength (nm)	620 (red)	405 (UV)	405 (UV)
Global Coag. tests	PT, APTT, TT, FIB	PT, APTT, TT, FIB	PT, APTT, TT, FIB
Specific Coag. tests	individual factors	individual factors	individual factors
Chromogenic Coag. tests	AT, PC	AT, PC	AT, PC
Latex based tests	D-Dimer	D-Dimer	D-Dimer
DOAC monitoring (based on Anti IIa and Anti Xa)	no	yes	yes



Operational Features

Product	DIACheck® C1	DIACheck® C2	DIACheck® C4
Operation			
Touchscreen 4.3"	✓	✓	✓
Real time clock	✓	✓	✓
Stopwatch	✓	✓	✓
Language selection	✓	✓	✓
Interfaces			
USB to LIS	✓	✓	✓
Network to LIS (TECAM software required)	✓	✓	✓
Management			
Test calibration	✓	✓	✓
Tracking to Patient ID, Sample ID or Auto ID	✓	✓	✓
Automatic optic start (no Starterpipette required)	✓	✓	✓
Double determination	no	✓	✓
Sample management (ID)	no	✓	✓
Reagent management (ID) (lot and expiry)	no	✓	✓
Internal result database	no	✓	✓
Patient identification with barcode	Optional	Optional	Optional



Coalyser

Fully Automated Coagulation Analyser



General Features

- Clotting and immunoturbidimetric assays
- Throughput: PT 137 tests/h, APTT 60 tests/h ± 20 tests/h
- Micro method
- STAT program
- QC program
- Bidirectional LIS
- Continuous loading of samples
- Internal sample barcode reader
- Color touch display 17.0 x 12.5 cm TFT
- ChipCARD™ for cuvette management



Technical Specifications

General

Calibration points	Up to 7 calibration points, 2 calibration curves per test or automatic calibration
LIS compatible	Yes
Measuring principle	Photometric, 2-channel LED photometer with 2 reference channels, Wavelengths: 450 nm, 570 nm, 740 nm
Temp. controlled measuring unit	37.0°C ± 0.4°C
Sample	Plasma
Result conversion	Seconds, INR, %, Ratio, Units (mg/dL, g/L)
Cuvettes	Disposable cuvette ring with 32 cuvettes
Sample positions	2 x 11 positions
STAT positions	3 positions
Reagent positions	15 positions (3x 15 mL, 12x 5 mL), 3 of them stirred
Cal & Ctrl positions	8 positions
Pipettor washing station	Yes
Sampling	Capacitive pipettor heated at 37 °C
Dilutor	2 – 250 µL (precise in 1 µL steps)
Language	English, German, Russian, Spanish
Printer	External
Interface	2x RS232C, 2x USB, LAN & ChipCARD™ reader
Methods	PT, Factors (II-XII), Factors V Leiden, D-Dimer, Protein C&S, Ecarin, FIB, PT/FIB, BT, TDT, APTT, PiCT, TT, AT III. Up to 50 methods programmable.

Technical Specifications



Physical Characteristics

Power	100-240 VAC 50/60 Hz
Weight	Net/Gross: 25 kg/30 kg
Dimensions (D x W x H)	78 x 58 x 50 cm

Order Information

Instruments	Description	REF
DIACheck® C1	1 – channel Coagulometer without internal printer	8080000
DIACheck® C2	2 – channel Coagulometer without internal printer	8070000
DIACheck® C4	4 – channel Coagulometer without internal printer	8042000
CoaLyser	Coagulation Analyser, 3 wavelengths	8092010
Consumables for DIACheck®	Kit Size	
Reagent container	100 pcs.	8052500
Reagent tubes Ø 11mm	100 pcs.	8053100
Reagent tubes Ø 16mm	100 pcs.	8053000
Single cuvettes	500 pcs.	2410003
Stirring magnets	4 pcs.	8005006
Printer paper for thermal printer	1 pc.	8192000
Consumables for CoaLyser	Kit Size	
Cleaning solution	6 x 12 mL	81009013
Cup 1 mL	100 pcs.	812030002
Cuvette rings with mixer	6 x 10 mL	80911020
Sample cup 4 mL	2 x 250 mL	80940063
Reagent stirrer	10 pcs.	81203002
Wash solution	5 x 15 mL	81009012

Starter Kit for DIACheck®

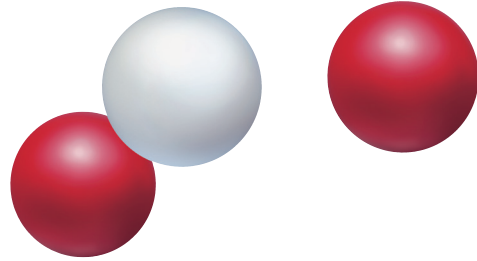
Instrument plus:

Single cuvettes	2 x 100 pcs.
Reagent container 22.5 mm	5 pcs.
Reagent container 11 mm	5 pcs.
Operator manual	1 pc.
System ID-Card	1 pc.

Starter Kit for CoaLyser

Instrument plus:

Distilled water container	1 pc.
Waste water container	1 pc.
Cuvette rings	10 pcs.
Sample cups 4 mL	11 pcs.
Bottle washing solution	1 pc.
Bottle cleaner	1 pc.
Reducer rings	3 pcs.
Operator manual on disc	1 pc.



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