HumaClot

One Concept – Three Instruments

- TIC²+ technology
- Latest LED technology with reference channel
- HUMAN reagents preprogrammed
- Guided workflow
- Light protection cover with pipetting support
- Smart card technology ensures reliable results with HUMAN consumables and validated reagents
- Optional external sample barcode reader

Highly Reliable, Maintenance-free

HumaClot Quattro

REF

Manual 4-channel coagulation instrument 15660

- Simultaneous measurement of 4 samples
- 16 sample incubation positions
- 4 reagent incubation positions (1 stirred)
- Built-in printer
- Optional autopipette with electronically triggered start

HumaClot Duo Plus

REF

Manual 2-channel coagulation instrument 15650

- Simultaneous measurement of 2 samples
- 18 sample incubation positions
- 4 reagent incubation positions (1 stirred)
- Built-in printer
- Optional autopipette with electronically triggered start

HumaClot Junior

REF

Compact 1-channel coagulation instrument 18680

- Measurement of 1 sample
- 4 sample incubation positions
- 1 reagent incubation position

Consumables

	REF
Cuvettes Dispo with Prefilled Mixer (5 x 100 pcs)	15660/10
Cuvettes Bag with Separate Mixer (1 x 500 pcs)	15660/11
Cuvettes Bag with Separate Mixer (5 x 500 pcs)	15660/12
Thermal Printer Paper, External Printer (5 pcs)	18144/5
Thermal Printer Paper, Internal Printer (5 pcs)	18909/20

Accessories

	REF
AutoHumaPette 20 µl - 200 µl	19130A
External 1D Barcode Scanner RS232	15660/55
Thermoprinter EU 230 VAC	15651/20
Thermoprinter US 120 VAC	15651/21
Thermoprinter JP 100 VAC	15651/22

Imported & Marketed By:

STEDMAN
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Diagnostics Worldwide
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Hemostat Reagents

Sensitive and Reliable

- Routine assay range from one source
- Dedicated calibrator and controls
- Validated for all HUMAN coagulation analyzers

Hemostat Thromboplastin liquid

Liquid reagent with high sensitivity for the the determination of prothrombin time (PT). Due to its factor sensitivity it can be used to assay the activity of coagulation factors in the extrinsic and common pathway of coagulation (factors II, V, VII, and X).

- Liquid, ready-to-use reagent
- No preparation step needed, freeing up lab technician's time for more important tasks

	REF
Complete kit 6 x 2 ml	31012

Hemostat Thromboplastin-SI

Highly sensitive reagent for the determination of prothrombin time (PT) in lyophilized format.
Due to its factor sensitivity it can be used to assay the activity of coagulation factors in the extrinsic and common pathway of coagulation (factors II, V, VII, and X).

- Lyophilized reagent
- Ready-to-use reconstitution medium included, thereby reducing the risk of errors during reconstitution

	REF
Complete kit 6 x 2 ml	31002
Complete kit 6 x 10 ml	31003

Hemostat aPTT-EL

Determination of activated partial thromboplastin time (aPTT) in liquid format.
Due to its factor sensitivity it can be used to assay the factor deficiency of coagulation factors in the intrinsic and common pathway of coagulation (VIII, IX, XI, and XII).

- Ready-to-use liquid reagent, thereby reducing the risk of errors during reconstitution and freeing up lab technicians' time for more important tasks
- Superior factor sensitivity, sensitive to heparin and lupus anticoagulants

	REF
Complete kit 6 x 4 ml	33002
aPTT reagent 6 x 4 ml	33012
aPTT reagent 6 x 10 ml	33013
$CaCl_2$ 4 x 30 ml	33022

Hemostat Fibrinogen

Determination of fibrinogen in plasma.
It is used in the determination (Clauss method) of fibrinogen in the diagnosis, treatment monitoring and prognosis of various hemorrhagic disorders.

- Lyophilized reagent (long stability after reconstitution)
- Test based on the Clauss reference method

	REF
Complete kit	32002

5 x 2 ml fibrinogen reagent, 1 x 100 ml buffer,
2 x 1 ml reference plasma

Hemostat Thrombin Time

Assay for use on manual or fully automated coagulation instruments. It is a routine test suitable for monitoring fibrinolytic therapy, screening for disorders of fibrin formation and to monitor heparin therapy.

- Lyophilized reagent
- Assay based on human thrombin

REF

Complete kit 6 x 1 ml 34002

Hemostat D-dimer

Microparticle enhanced immunoassay test for the quantitative determination of d-dimer in citrated human plasma with manual and automated coagulation analyzers.

- Ready-to-use liquid reagent
- Intravascular thrombosis formation is always accompanied by subsequent thrombolysis raising the level of D-dimer

REF

Complete kit 36002

Hemostat Antithrombin liquid

Chromogenic assay for quantitative antithrombin in liquid format.

- Liquid and ready-to-use reagent
- Factor-Xa based assay
- No preparation step needed, freeing up lab technician's time for more important tasks

REF

Complete kit 4 x 3 ml 36102

Calibrator

Calibrator

Hemostat

Reliable exclusion of thrombosis.

- Calibration of tests to determine the prothrombin time (PT)
- Can be used on semi-automated and fully automated coagulation analyzers
- To generate a standardized curve where 100% = Coag. time of a Normal Plasma Pool
- Calibration to allow the determination of Antithrombin activity

REF

4 x 1 ml lyophilized human plasma pool for PT 35500

Controls

Hemostat

Routine quality control for use with PT, aPTT, FIB, TT and AT.

- Lyophilized human plasma
- Convenient in use through freeze-thawing capability

REF

6 x 1 ml control plasma normal 35001

6 x 1 ml control plasma abnormal 35002

Hemostat D-dimer Control High/Low

Routine quality control for use with d-dimer.

- Lyophilized human plasma
- Convenient in use through very long stability after opening

REF

Lyophilized control plasma, 4 x 1 ml

2 vials "high", 2 vials "low" 35500

Hemostat Systems

Quality Made in Germany




	HumaClot Junior	HumaClot Duo Plus	HumaClot Quattro	HumaClot Pro
Type	Semi-automated	Semi-automated	Semi-automated	Fully automated
Channels	1	2	4	2
Wavelengths	405 nm	405 nm	405 nm	405 nm, 570 nm, 740 nm
# of parameters	15	15	15	50
Preinstalled HUMAN application settings	Prothrombin Time (PT) Activated partial thromboplastin time (aPTT) Thrombin Time (TT) Fibrinogen (FIB) D-Dimer (DD) Antithrombin (AT)			
Sample incubation positions 37 °C	6	18	16	32 incubation positions in one reaction ring
Sample positions	6	18	16	25 (22 + 3 STAT)
Sample mixer in cuvette	Yes			
Reagent positions	1	4	4	15 reagent positions 2 wash/clean solution
Reagent stirring positions	No	Yes 1 reagent position left	Yes 1 reagent position left	3 reagent positions with stirring capability
Reagent prewarming	Reagent position heated	Reagent position heated	Reagent position heated	Needle heating
Calibration	2-9 points	2-9 points	2-9 points	Up to 7 points Incl. auto-dilution
Auto-Pipette	No	Optional	Optional	Automated pipetting
Sample barcode ID reader	Optional	Optional	Optional	Built-in

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