

# Hemostasis Line

Efficient, reliable and accurate coagulation testing

- › Semi to fully automated systems
- › All-in-one assay concept
- › Perfect for low to medium volume labs



**Human**

Diagnostics Worldwide

# HEMOSTAT Systems

## Semi-automated coagulation family concept

### HumaClot Junior

REF

#### Compact 1-channel coagulation instrument

18680

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

### 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 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



## Fully automated coagulation analyzer

### HumaClot Pro

REF

#### Fully-automated coagulation analyzer

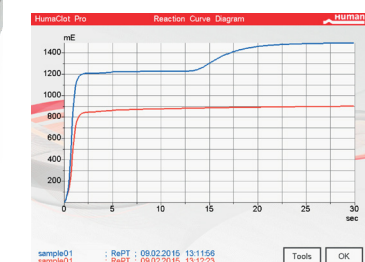
15800

- > Process up to 100 PT/h; 58 t/h in mixed assay mode
- > 3 wavelengths: 405nm, 570nm and 740nm
- > 570nm setting for improved PT and aPTT with HIL samples
- > Intuitive integrated PC and touchscreen
- > Convenient with 3 STAT and 22 sample positions



A proof of accuracy and reliability:  
Over 4,000 instruments used in  
more than 100 countries worldwide

MADE IN GERMANY



### Get the full picture

- > Display of real-time reaction curve



Video

### Tailored solutions

#### Best performance for very small to medium-sized labs

- > State-of-the-art LED technology guarantees long-lasting performance
- > Preprogrammed HUMAN reagents simplify the workflow and ensure compatibility
- > Intuitive and user-friendly workflow allows seamless operation, even for first-time users
- > Optional external sample barcode reader offers additional convenience for sample handling

### Maximum precision in every reaction

- > Magnetic stirring of the reaction mixture enables highest result quality even for sensitive assays such as HEMOSTAT D-Dimer

### Reliable and easy to use

- > Protective covers as light shields with pipetting support, assuring precision and safety
- > Photo-optical reliability through reference channel
- > Guided workflow – minimal training required
- > Durable and maintenance-free

### Automate today – save time tomorrow

- > Stand-alone operation featuring auto-calibration, auto-dilution, auto-repeat and reagent level detection
- > Accurate walk-away time information for increased efficiency in routine use
- > Maximum flexibility: suitable for clotting, chromogenic, and immunoturbidimetric measurement
- > Built-in sample barcode reader ensures fast and accurate sample identification

### Efficiency in every ring

- > Convenient handling with disposable cuvette rings for 32 measurements eliminates the time-consuming process of handling individual cuvettes.

### Enhanced reliability

- > Reduces the risk of sample-to-sample contamination with sample level detection
- > Homogenization of reaction mix through stirring
- > Smart card technology ensures reliable results with HUMAN consumables and reagents



# HEMOSTAT Reagents

Efficient reagent concept for your daily laboratory needs

- > Routine assay range from one source
- > Perfect matching with HumaClot systems
- > Long onboard stability
- > Dedicated calibrator and controls



Parameter	Product	Unit / Size	REF
Prothrombin time (PT)	HEMOSTAT THROMBOPLASTIN <sup>liquid</sup>	Reagent 6 x 2 ml	31012
	HEMOSTAT THROMBOPLASTIN-SI	Reagent 6 x 2 ml, Buffer 6 x 2 ml	31002
	HEMOSTAT THROMBOPLASTIN-SI	Reagent 6 x 10 ml, Buffer 6 x 10 ml	31003
Activated partial thromboplastin time (aPTT)	HEMOSTAT aPTT-EL	Reagent 6 x 4 ml, CaCl <sub>2</sub> 6 x 4 ml	33002
	HEMOSTAT aPTT-EL	Reagent 6 x 4 ml	33012
	HEMOSTAT aPTT-EL	Reagent 6 x 10 ml	33013
	HEMOSTAT aPTT-EL	CaCl <sub>2</sub> 4 x 30 ml	33022
Fibrinogen (FIB) (Clauss method)	HEMOSTAT FIBRINOGEN	Reagent 5 x 2 ml, Buffer 1 x 100 ml,	32002
		Calibrator 2 x 1ml	
Thrombin time (TT)	HEMOSTAT THROMBIN TIME	Reagent 3 x 3 ml	34002
D-dimer (DD)	HEMOSTAT D-DIMER	Reagent 2 x 1 ml, Buffer 2 x 2.5ml, Calibrator 1 x 1 ml, Diluent 1 x 6 ml	36002
	HEMOSTAT D-DIMER CONTROL	High 2 x 1 ml, Low 2 x 1ml	36012
Antithrombin (AT)	HEMOSTAT ANTITHROMBIN <sup>liquid</sup>	Reagent 4 x 3 ml, Substrate 2 x 3 ml	36102
free Protein S (fPS)	HEMOSTAT FREE PROTEIN S	Reagent 2 x 2.5 ml, Buffer 2 x 4.0 ml, Diluent 2 x 6.5ml	36201
Controls	HEMOSTAT CONTROL PLASMA	Control Normal 6 x 1 ml	35001
		Control Abnormal 6 x 1 ml	35002
Calibrator	HEMOSTAT CALIBRATOR	Calibrator 3 x 3 ml	35500



For more information about our coagulation solutions,  
please refer to our website or catalog.

