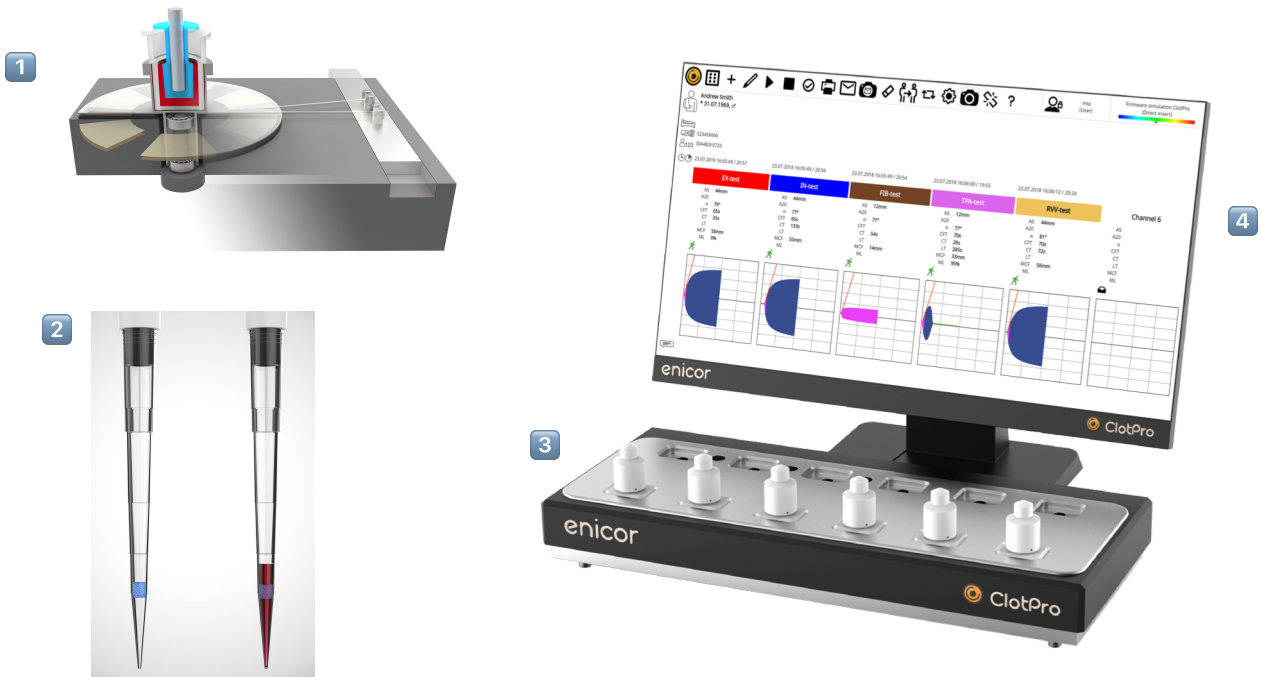


ClotPro® system

New Generation Viscoelastic Diagnostics



1 Measurement principle

- Elastic Motion Thrombelastography
- The Cup is rotated using an elastic element, the Pin is stationary during the measurement
- Capacitive detection of the rotation angle of the test system
- Excellent correlation with established Cup and Pin technology

2 Active tip technology

- Dry reagents present in a sponge in the pipette tip
- Transfer of blood sample dissolves reagents
- Reagent handling is eliminated
- Most comprehensive breadth of menu
- Reagent storage at room temperature
- Simple one-volume (340 µL) electronic pipetting

3 ClotPro® analyzer

- 6 channels to maximize flexibility and accessibility
- Rapid direct infrared heating of test position
- Compact footprint and light weight design
- Easy to use system

4 User interface

- Large full-HD touchscreen
- One-screen design showing established result parameters and curve graphics
- Barcode reader, user management and audit trail for full traceability
- Guided electronic pipetting
- Result transmission options include:
 - LIS / HIS connectivity
 - Remote viewing
 - e-mailing results

ClotPro[®] system

Product Specifications

ClotPro[®] analyzer	Principle	Elastic Motion Thrombelastography	Rotational viscoelastic testing based on established Cup & Pin methodology
	Capacity	6-channel system	Independent channels User defined test panels First results after 3 min
	Throughput		Up to 12 tests / hr (A20 parameter) Up to 6 samples in parallel
Hardware	PC	Processor	>2 GHz
		RAM	Min. 4 GB
		Hard Drive	Min. 32 GB
		Network	100/1000 Mbit
	Monitor	Size	21.5 " touchscreen w/ HDMI
		Resolution	full HD (1920x1080)
	Dimensions (analyser without screen)	Height	8 cm
		Width	48 cm
		Depth	20 cm
		Weight	5.5 kg
	Electrical specifications	Voltage (external power supply)	100-240 V AC, 50/60 Hz
		Analyzer	24 Volts, 5A, 60W (max.)
	Operating conditions	Temperature	18°C - 32°C
		Altitude	0-2,000 m above sea level
Software	Operating system	Linux	Linux based user interface
	Software	User interface	One screen design, barcode reading, automated analysis and documentation of results.
		HIS/LIS connectivity	Optional HL7 compliant interface for connectivity to HIS / LIS systems
		Result transmission	screen sharing / remote viewing, e-mail, host transmission
		Traceability	User management, audit trail, barcoding
	Result parameters	Real time display of results	CT, CFT, A5, A10, A20, MCF, ML, LT, α , CLI, etc.
	Sample type / volume	citrated whole blood	340 μ L per test
Sample Reagent technology & assays	Active tip technology	Dry reagent chemistry in the active tip	Single use, no reagent handling. Test tips sealed in individual pouches. Extrinsic assays with heparin inhibitor.
		Stability	2 - 8 °C: 12 months after manufacturing Room temperature: 30 days
	EX-test	Rapid overview of the coagulation process	
	FIB-test	Functional detection of the fibrinogen level	
	IN-test	Assessment of heparin, sensitive to FVIII	
	HI-test	IN-test with heparin inhibition	
	AP-test	Inhibition of fibrinolysis with aprotinin	
	RVV-test	High sensitivity for direct oral anticoagulants (DOACs, e.g. rivaroxaban, edoxaban, etc.)	
	ECA-test	High sensitivity for direct thrombin antagonists (e.g. dabigatran, argatroban)	
	TPA-test	Assessment of coagulation with fibrinolysis activation	
	NA-test	Non activated test	