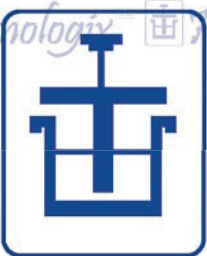
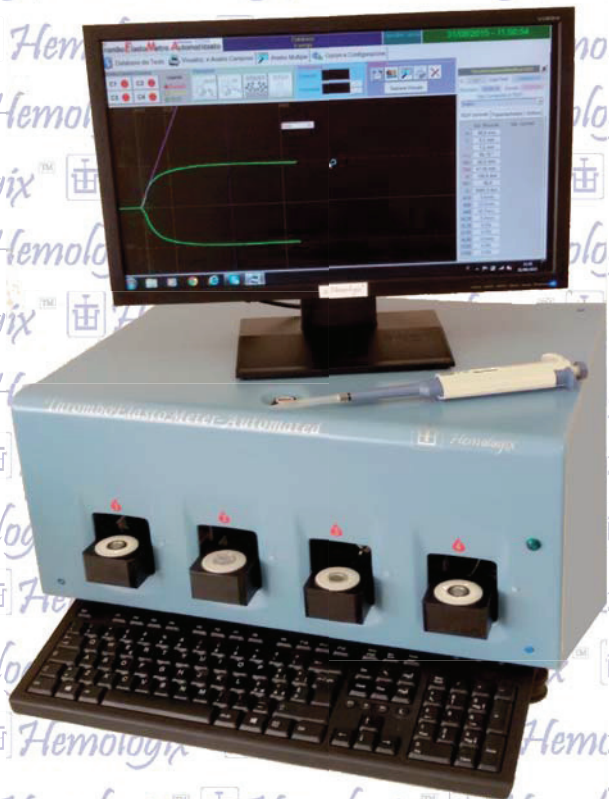




**Multitema**

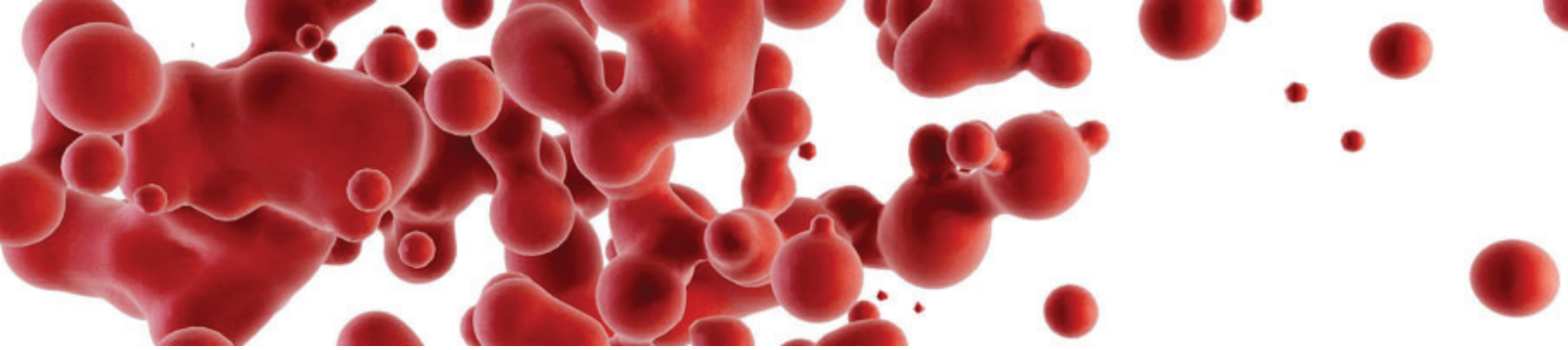
**MonoTEMA**



**Hemologix**

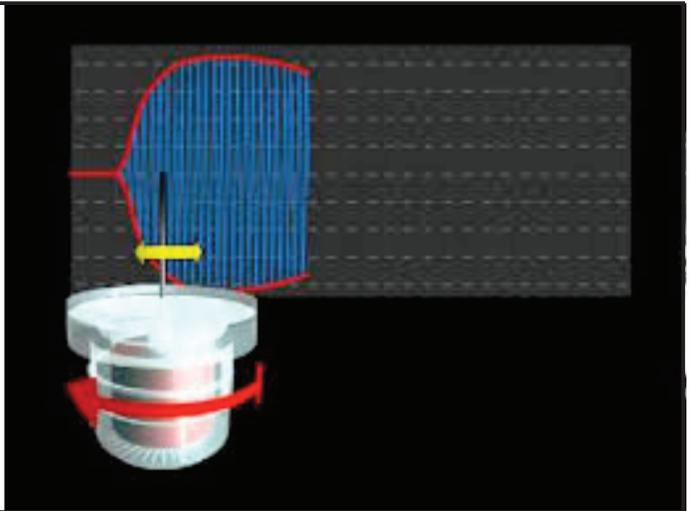
TM





## From the original technology...

The TemA thromboelastometer analyses the thrombodynamic properties of blood combining the original Hartert sensor technology with a precise electromagnetic transducer to obtain parameters useful to rapidly diagnose the quality of hemostasis



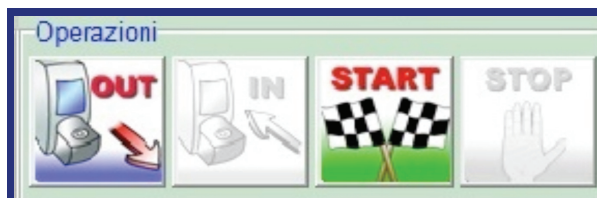
## ...to modern automation

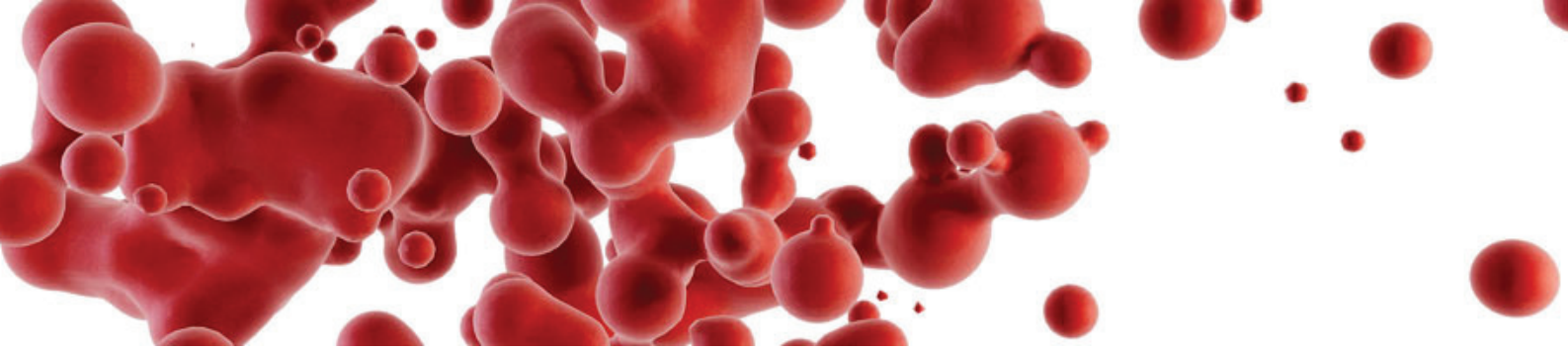
Innovation in TemA is also in the automation of the analysis modules : robotics are controlled by the Temawin software to minimize manual steps by the operator, thereby improving precision and repeatability of results.



By selecting a channel and using the icons **«OUT» «IN» «START» «STOP»**

The operator commands the positioning of the sample and the beginning of the analysis with simple clicks.

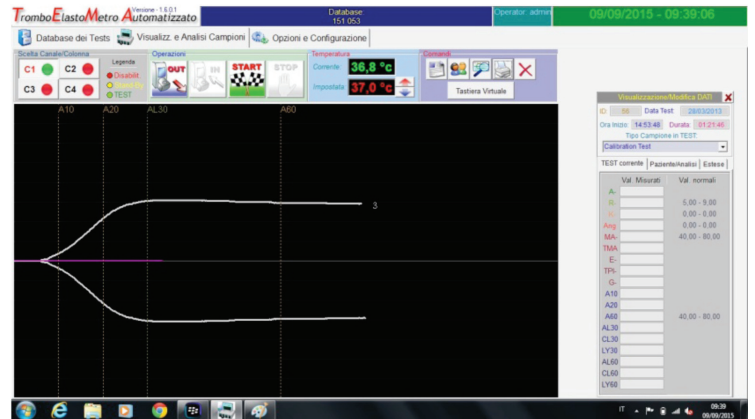




## TemA: user friendly

The TemA automation simplifies and speeds up the operative steps.

Pipetting the blood in the protruding sample carrier is easy as well as its accurate positioning for beginning the test.



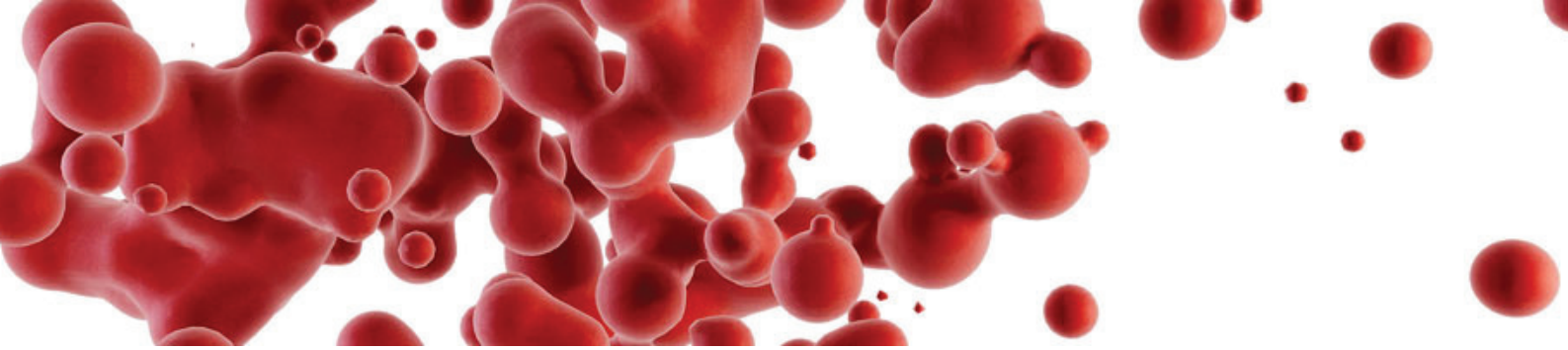
## The Temawin software

controls all the steps of TemA analysis and the archiving of data in a dedicated database. Allows superimposition of up to 5 graphs, selection of blood temperature and an optional remote connection.

## Automatic calibration before every test

Automation means also reliability : before proceeding with a test the TemA modules execute an automatic calibration and then releases the delicate sensor, which is blocked for protection when not in use.





# TemA Reagents

Reagent	Description	Application	Effect	Interpretation
<b>FasTemA</b>	Kaolin. Intrinsic pathway activator	Cardiosurgery, O.R., transplants and general surgery	Shorter reaction time R	
<b>Heparinase</b>	Heparin antagonist	O.R., transplants, cardiosurgery	Shows coagulation abrogating heparin effect	
<b>ExWay</b>	Tissue factor. Extrinsic pathway activator	Emergency, OB, specialistic O.R.	Eliminates reaction time R for rapid results in 5 minutes	
<b>FibCheck</b>	Cytocalasyn. Platelet inhibitor	Emergency, OB, specialistic O.R.	Inhibiting platelets shows MA due to only fibrinogen activity	
<b>CiTemA</b>	CaCl2 reconstitutes citrated blood	When the blood is citrated	Allows measures of native blood	

# TemA advantages

TemA should be used in all Departments where there is a requirement for managing hemostasis rapidly at reasonable cost :

- improved management of coagulation
- reduces bring backs to the OR
- more efficient use of blood products
- targeted therapies
- rapid analysis

## TemA, accessories and consumables

All Hemologix products are registered with the Ministry of Health and are manufactured and certified in conformity with ISO9000 and ISO13485 and comply with EEC 98/79 (declaration CE mark for IVD).



Instruments available as :

- MultiTemA
- MonoTemA

Consumables and accessories :

- p/n 2012 cups & Pins, box of 20
- Pipettes 100-1000  $\mu$ l
- Pipettes 5 - 50  $\mu$ l

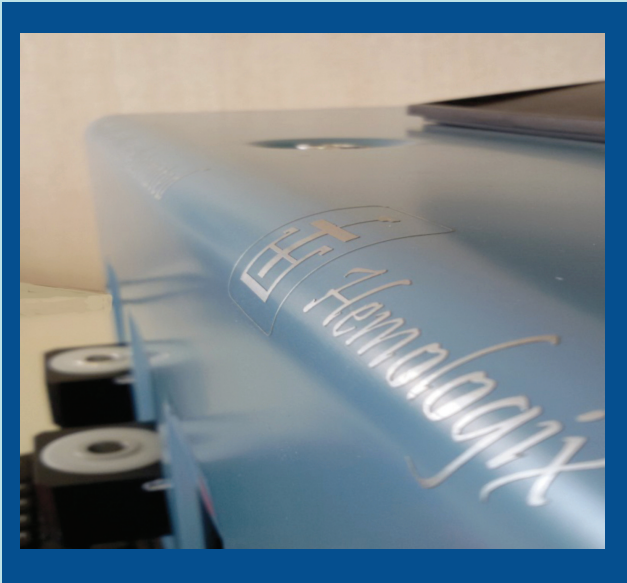
Reagents :

- p/n 1022 Heparinase
- p/n 1026 CiTemA
- p/n 1028 Exway
- p/n 1023 FasTemA
- p/n 1027 FibCheck
- p/n 1025 TemaTrol



# MultiTemA

## FEATURES



The only thromboelastometer that can be customized from 1 to 4 fully independent analysis positions. It can be configured or expanded to fit the changing requirements of Users.

- up to 4 simultaneous analysis
- customized and/or expandable
- automated with software controls
- autocalibration at every test
- Sistema di autocalibrazione a ogni test
- temperature setting from T°C ambient to 40°C
- dimensions cm. 39dx50wx30h
- weight 20Kg (two modules)

# MonoTemA

## FEATURES

Conceived for OB/GY anaesthesiologists, it can Identify the first phase of DIC or support a regional anaesthesia verifying the real hemostatic function of blood in cases of piastropoenia. Its small size allows its use in any critical surgical situation.

- small footprint
- easily moved and shared
- automated with software control
- autocalibration at every test
- temperature setting from T°C ambient to 40°C
- dimensions cm. 29x17x28
- weight 5 kg
- 

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2 G.Capogna et al. «Thromboelastometry during Labor and after Delivery "Open Journal of Anesthesiology, 2013, 3, 218-223

3 A.Subramanian et al. "Evaluation of the Utility of Thromboelastography in a Tertiary Trauma Care Centre ISRN Hematology Volume 2014, Article ID 849626,

4 P.Sharma « A novel thromboelastographic score to identify overt DIC Resulting in Hypocoagulable State. (2010 American Journal of CP 134).



**Hemologix**™



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