

The efficient proposal for a SAFE Formalin lab

- **Quality and compatibility** due to a complete solution composed by processor, reagents and specialistic support
- **Diapath certified reagents** ensure direct connection from a controlled production up to the final use, due to the pre-filled tanks, for the complete operator safety

Non-toxic reagents



In replacement of traditional products as alcohol and xylol, substitutive non-toxic reagents as **Ottix® (Shaper and Plus)**, can be employed



TECHNICAL FEATURES OF Donatello and Donatello Fast			
TISSUE PROCESSOR		PROCESSING CHAMBER	
Instrument	Automatic floor closed cycle tissue processor	Material	Stainless steel (AISI 316)
Hardware features	■ 15" colour LCD-TFT Touch Screen ■ 5 USB ports for data transfer, backup, printer and ups connection ■ 2 LAN net port 10/100Mb ■ Input for external alarm (48V AC/DC, max. 1A)	Capacity	360 standard cassettes (3 baskets, 120 specimens each)
		Temperature	From ambient to 45°C
		Process pressures	600/1200 Hpa
		Reagents agitation	Sortable, with frequency from 5 min to 30 min
		Level sensors	3 optical sensors
Reagent vapours treatment	Specific charcoal filter, with forced ventilation	Vacuum and pressure function	4 (V/P, V, P, environment)
Power supply	100/240 V 50/60 Hz	SOFTWARE	
Thermostation precision	+/- 1°C (processing chamber and paraffin control sensors)	Operating system	Developed for Windows XP
Dimensions	690Wx700Dx1510H mm	Reagent management system	RMS: complete control on reagents, paraffins, clean cycles and charcoal filters
		Reagent identification	RI, by RFID reading, applied on reagent and clean cycle bottles
Weight	194 Kg	Protocols number	Up to 18, completely changeable, the last one reversed for specimens rehydration
REAGENT BOTTLES		Max. time for each step	99 hours and 59 minutes
Bottles number	12	Max. delay time	14 days, 23 hours, 59 minutes
of which, reagent bottles	10	Process end time	Modifiable for each process, Self-recording
Clean cycle bottles	2	Process start	Programmable by the user
Reagent bottle volume	4,1 L	Technical assistance	Real-time by remote control
PARAFFIN MELTING BASINS		CERTIFICATIONS	
Basins number	3	CE - IVD	
Volume	4 L each		
Melting time (approximate)	8 hours		
Temperature	from 55°C to 65°C		
Paraffin bath cycle	Activated by the user		

Technical specifications are subjected to change without prior notice. For up-to-date developments, please refer to the instrument data sheet.

Donatello

Tissue processor

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SAFE Formalin solution

The Regulation  
Formaldehyde: official reclassification as carcinogenic category 1B

On 5<sup>th</sup> June 2014, with European Commission Regulation n. 605, the reclassification as carcinogenic category 1B (presumed carcinogenic) of formaldehyde (so far classified as suspected carcinogenic – cat. 2) has been published.  
The new classification enters into force on 1st January 2016.

Diapath reply  
for your safety

- **Formalin pre-filled tanks** allow to avoid reagent pouring that could expose the operator to the inhalation of harmful vapours and to contact with toxic reagents
- **Harmful vapours protection due to PWD system** to allow wax dumping in a dedicated closed tank



Each reagent in the right place  
at the right time  
in complete safety

Diapath reagents: complete customer service

Diapath offers a complete customer service due to a controlled and certified production of instruments and reagents

Ready-to-use pre-filled tanks certified CE IVD

- Ottix Plus tank
- Ottix Shaper tank
- Xylol tank
- Microclearing tank
- Diasolv tank
- Empty tank
- Water tank
- Histoalcol 50 tank
- Histoalcol 70 tank
- Histoalcol 95 tank
- Histoalcol 99 tank
- Diawhite 50 tank
- Diawhite 70 tank
- Diawhite 95 tank
- Diawhite 99 tank
- GreenFix tank
- GreenFix Plus tank
- Pink Alcohol 90 tank
- Pink Alcohol 94 tank
- Pink Alcohol 99.9 tank
- Formalin tank



Load capacity  
up to 360 cassettes

