

Donatello

Tissue processor Series 2



- 1 15" LCD Touch screen PC monitor
- 2 3 reservoirs for granulated paraffin
- 3 Lock/Unlock SPC chamber by software, equipped with suction fumes system
- 4 Fast connectors for reagent Fill and Drain system
- 5 Stainless steel processing chamber, loading capacity up to 405 standard cassettes
- 6 USB port for software upgrade and protocols, reagent history and diagnostic log storage
- 7 PWD - Protected Wax Dumping, to safely unload exhausted paraffin
- 8 Dark-tinted glass door for closing and protection of reagent compartment
- 9 Reagent tanks
- 10 Transport wheels
- 11 Active LED system

Technical features

Instrument	Tissue processor for histological specimens
Dimensions (WxDxH)	700x750x1370 mm
Weight	250 Kg
Reagent tanks	12 tanks, 5 L each
N. of storable processes	No limit
Max time for each step	24 hours and 59 minutes
Max delay	14 days, 23 hours, 59 minutes
Ending time process	Selectable and customizable for each process
Starting station	Selectable by the user
Reagent management system	Complete check on reagents (processing and washing) and charcoal filters
Specific vapours treatment	Specific charcoal filters with forced ventilation even into the processing chamber
Voltage	230V, 50Hz

Processing chamber

Max processing cassettes	405 standard cassettes
Total SPC inner volume	8 L
Equipped racks	3 stainless steel racks with 135 cassettes each
Chamber level sensors	4 optical sensors
Reagent heating temperature	From room temperature up to 65°C
Reagent shaking	Customizable, from 5 to 30 minutes frequency
Vacuum and pressure function	Room, Vacuum, Pressure, Vacuum/Pressure run

Paraffin compartment

Paraffin basins	3 basins, 4 L each
Melting time about	8 hours
Paraffin cleaning function	Actionable by the user
Paraffin heating temperature	From 55° up to 80°C

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IVD CE

Made in Italy



Donatello

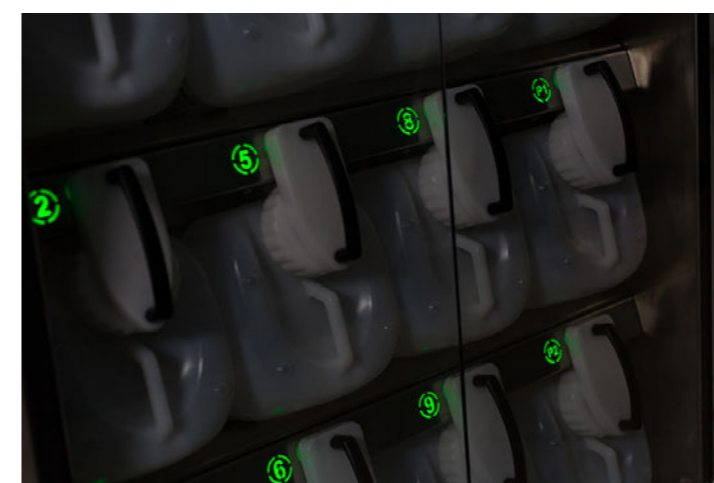
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Safety

SelfCheck

Automatic, preventive and diagnostic check on instrument hardware before starting processing.

- Check on mechanical parts
- Warning in case of instrument failure that allows a preventive intervention to protect the specimens safety



Traceability

- Integrated tracking of all operations and processing data (protocols, users), tanks (replacement, batches), tissue processor (warnings and alarms).
- Using an external reader, store all information present on processed cassettes equipped with 2D barcode. Complete specimen tracking during their loading and unloading from the instrument.



Green friendly

- Tissue processing with solvent substitutes
- Dedicated filter to protect the operator from formalin and xylene vapours exposure



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Productivity

Donatello Series 2 is the latest generation automated tissue processor for histological specimens. Designed to enhance lab routine and guarantee reliability, safety and best quality results for the user.

Donatello Series 2 optimizes productivity during histological processing, integrating features like:

- Ability to process up to 405 specimens for run
- 2 sizes of tank: 4 l or 5 l
- Integrated fast processing

Technological Improvements

	SELF-CHECK	Security auto-diagnostic system to prevent machine failures during processing
	RETORT FUMES ASPIRATION	Fan system with integrated charcoal filter to remove harmful vapors from the processing chamber
	MULTISENSE TECHNOLOGY	From different preset setups, choose the best to fit lab routine workflow
	LED	Reagent positions with a green LED to guide users during reagent changing steps
	INCREASED PRODUCTIVITY	Up to 405 samples per run, in a 3 level basket
	MULTI-USERS ACCESS	Different access levels with different permission maps, everything tracked by the instrument
	SAFE REAGENT	Advanced technology for specimen safety in case of accidental power failure
	RFID	Radio frequency identification of reagent tank to avoid mismatching human errors
	REMOTE CONTROL	Control of the software by Service Engineers from Diapath headquarter
	STATUS REAGENT	Enhanced software tools for the complete managing of the instrument reagents
	CWS	Clean Wax System, simple procedure to reduce the contamination level of the three waxes
	PWD	Protected Wax Dumping, a safer way to unload exhausted paraffin using an internal 5 l empty tank
	REVERSE PROTOCOL	Possibility to revert the processing procedure to recover bad processed samples
	FILTERING SYSTEM	Specific activated charcoal filter system, dedicated to formaldehyde and xylene vapours
	INTUITIVE SOFTWARE	Smart and user-friendly icon based software, for the quick and easy managing of the instrument
	FPS	Fast Processing System, greatly reduces time for rapid small biopsies processing