

DIAPATH

Constant Innovation in Anatomic Pathology



Donatello™ Series 2

Innovation, reliability
and safety in processing

AUTOMATIC TISSUE PROCESSOR FOR HISTOLOGICAL SAMPLES
SDSDN9000



IVD CE

MADE IN ITALY

Donatello, 100% Made in Italy.

Donatello is one of the **Fathers of the Italian Renaissance**. For us at Diapath, it represents what we believe in. **Made in Italy and Italian Design** are not simple inspirations, but Values that we live every day, our way to **Excellence and things well done**.

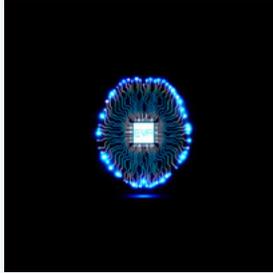


Donatello, designed to protect the unique and unrepeatable diagnostic sample.

Tissue Processing in Anatomic Pathology laboratory is a **fundamental and crucial phase**. During this process, a series of conditions must be verified that will **irreversibly** determine the adequate and suitable fixation/processing of the **unique and unrepeatable** surgical specimen. The correct processing of the surgical sample will be decisive for the **morphological, immunohistochemical and molecular analysis**. The quality of the surgical specimen can heavily affect diagnosis. For this, Diapath has created Donatello Series 2 which, with its unique innovative technologies, **allows you to protect and improve the** lifequality of operator and patient.



Donatello's exclusive features, designed for you.



E.V.A. **EMERGENCY EVOLUTED ALGORITHM**

Inside tissue processor assistant, 24/7.



SELF-CHECK+ TECHNOLOGY

The automatic prevention system to ensure maximum operational continuity.



RFID TECHNOLOGY

For maximum safety, traceability and simplicity in changing reagents.



BUBBLING

Innovative reagent mixing technology.

The system advantages.



EASY TO USE

Intuitive and easy-to-use software based on **user-friendly icons**, according to the philosophy of smartphones. The software guides the user through all routine procedures, in combination with **the LED Active System** and the voice of **E.V.A.**



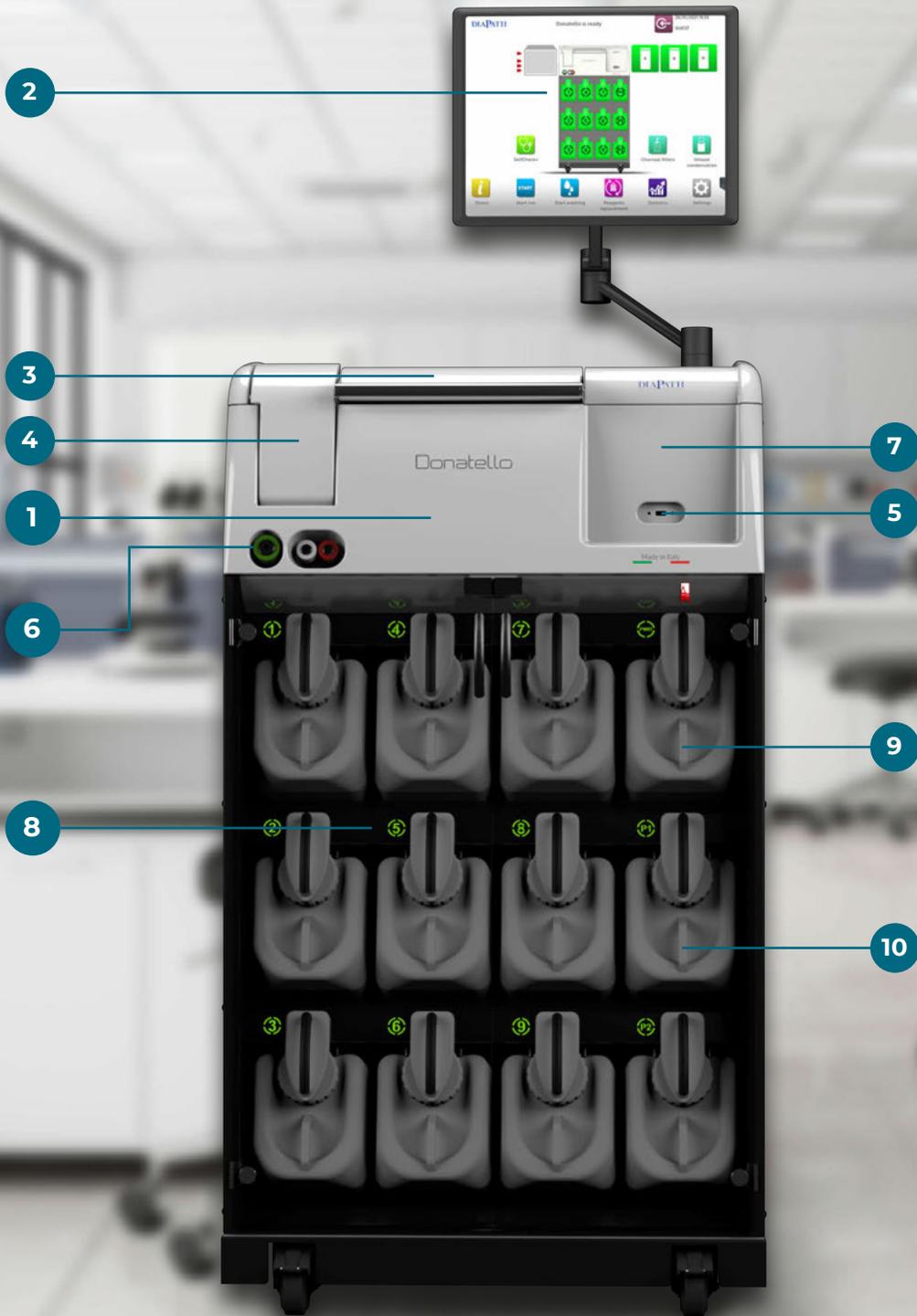
FLEXIBLE

The Donatello automatic processor can easily adapt to any routine of the various laboratories thanks to its **high productivity** and the **validated protocols** present inside the instrument, both with traditional reagents and with **green substitutes**.



CONSTANT SUPPORT

Diapath provides full **remote support** for every instrument installed in the world through a remote assistance service with internet connection, both for **technical** and **specialist support**.



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Remote Assistance Plus

Our solution for maximum business continuity.
Communicate with Diapath experts. A simple web connection is enough.

- Speed in solving problems
- Specialized and tailor-made assistance for you
- Guaranteed competence

[Request now](#)

SCAN HERE



- 1 SPC - PROCESSING CHAMBER**
in stainless steel, resistant to solvents and heat. 4 level sensors ensure correct reagent loading.
- 2 ALL-IN-ONE PC**
with 15" color touchscreen, solvent resistant.
- 3 3 CYLINDERS FOR PARAFFINS**
with a capacity of 4.7 (max) and 4.4 (min) liters each.
- 4 SPC LOCK SYSTEM**
totally controlled by software for maximum security.
- 5 USB PORT**
easily accessible for exporting the data contained in the instrument database.
- 6 EWD/RFILL/RDRAIN CONNECTORS**
for external paraffin unloading and for remote loading/unloading of reagents.
- 7 RFID TECHNOLOGY**
housing for pre-filled tank for a quick and safe identification.
- 8 ACTIVE LED SYSTEM**
Dynamic LED for each reagent station to guide the operator during the replacement of the tanks and view the status of the instrument during the Selfcheck.
- 9 PWD TANK**
for the internal discharge of the spent paraffin in a dedicated tank.
- 10 12 TANKS FOR REAGENTS**
9 dedicated to processing reagents, 2 dedicated to washing reagents and 1 PWD tank (5 liters each).

Optional accessories

FOR THE COMPLETE LIST, CHECK THE TECHNICAL SHEET



Basket dedicated to Super Cassette
SDSPA9066



Ups
CRDEA903-IIIPRO



Barcode Reader dedicated for traceability
SDSBR0001



Remote assistance router
CRD-RT01N



Autodialer for remote alarm
SDSAD0001



Support for pipes
SDSPA9069



Donatello is innovation, for the laboratory of tomorrow.

E.V.A. EMERGENCY EVOLUTED ALGORITHM

Intelligent virtual algorithm which, in the event of a mechanical blockage, performs operations in a totally automatic way aimed at **solving problems** without interrupting the processing in progress. E.V.A. is also equipped with **communication skills** thanks to the synthesis of a virtual voice that communicates verbally with the operator, actively supporting him during the use of the tool.

SELF-CHECK+

Self-diagnostic system of the sensitive parts of the instrument. It prevents unexpected stops during overnight processing. The procedure is performed automatically before each processing, by performing an automatic check on the sensitive mechanical parts of the processor. The system also **ensures** the loading of the first reagent of the protocol inside the processing chamber, which is then frequently

used as a **safety reagent** for many other subsequent steps.

RFID TECHNOLOGY

Donatello is equipped with RFID technology for **the quick and safe identification** of dedicated pre-filled cans. The software and LEDs guide the reagent replacement procedure, thus avoiding possible reagent exchange errors and the use of inappropriate or exhausted reagents. The pre-filled tanks allow the operator to change reagents quickly (**less than 1 minute** per tank) and safely, drastically minimizing exposure to vapors. Finally, RFID technology allows the traceability of the type of reagent, expiration date, lot number and operator who installed it.



Donatello is flexibility, for your routine.

MAXIMUM PRODUCTIVITY

Donatello, thanks to its **large processing chamber** and its **reagent mixing technology**, allows to process up to 405 standard biocassettes with a **single processing**. With the dedicated basket, it is then possible to process up to 112 Slim Mega Cassettes and up to 56 Super Mega Cassettes with a single processing.

FPS - FAST PROCESSING

The **FPS** (Fast Processing System) is a system that allows the preheating of the reagent in a **safe and homogeneous** way before its actual use inside the processing chamber. The use of this technology allows for the **processing of small biopsies** (up to 1 mm thickness) in **less than an hour**.





Donatello is safety, for your health.

GREEN SOLUTION - OTTIX

Ottix is Diapath's **patented solution** consisting of two reagents that replace the complete alcohol scale and xylene. Through the application of **protocols validated** and used all over the world for more than ten years, Ottix allows for **better results** than traditional reagents, especially **when used for processing breast, skin and fatty tissue samples** in general.

ACTIVATED CARBON FILTERS

Donatello has two high performance activated carbon filters for the **removal of compound hydrocarbons**. The instrument has a suction point, with a dedicated filter, above the processing chamber.



Technical data

DONATELLO SERIES 2

MAXIMUM CASSETTE CAPACITY	405 standard, 112 slim mega, 56 super mega
REAGENT TANKS	12 tanks of 5 l each
WAX CYLINDERS	3 cylinders, 4,4-4,7 l each
MAXIMUM PROCESSING CHAMBER VOLUME (SPC)	8 l
REAGENT MANAGEMENT SYSTEM (RMS)	Complete control of reagents and activated carbons
SPECIFIC STEAM TREATMENT	Dedicated activated carbon filter with forced ventilation, also in the processing chamber
SIZE (L, H, D)	700x1550x750 mm
WEIGHT	From 240 kg
POWER	230V, 50Hz
REGULATORY STANDARDS	CE-IVD



Meet
the expert

Find out more and request
a **virtual demo experience**
with our product specialists

SCAN HERE



Diapath complete range of solutions for Anatomic Pathology



Dante

Embedding module +
Cold plate



Galileo SERIES 2

Rotary
Microtome



Giotto

Automatic
Stainer



Cristallo®

Liquid Coverslipping
Technology

Discover the complete range: www.diapath.com/products

Acknowledgements DIAPATH



Co-funded by the "Horizon
2020" programme
of the European Union



Donatello Series 2 wins
A'Design Award and
Competition 2019 in
"Scientific Instruments"



34th Design Award
2021 World Ranking in
the category "Medical
Appliances"



Approved CEU's Provider
by NSH - National Society
for Histotechnology

LOCAL APPOINTED DEALER

Diapath S.p.A.

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