

DIAPATH

Donatello® Series 3

Donatello® Series 3 automatic processor for histological samples



Manufacturer

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Donatello® Series 3 is a closed-loop, vacuum/pressure floor processor.

Iconic Design

The design, in the most complete aesthetic and functional definition of the instrument, has enabled Donatello® to win the **A'Design Award**, a prestigious international competition in the “Medical Devices and Medical Equipment Design Award” category

<https://competition.adesignaward.com/design.php? ID=68691>



Advanced Innovation & Technology in Tissue Processing

Tissue processing is a one-way process in which a series of chemical steps and physical conditions irreversibly determine the correct and adequate treatment of the sample for morphological (H&E), IHC and molecular analysis. The quality of the tissue sample can heavily influence the diagnosis. The high levels of technology introduced in Donatello® Series 3 allow safe handling and monitoring during all processing phases, both for the operator and the unique and unrepeatable histological sample. The technology and sensors with which Donatello® Series 3 is equipped make it the smartest and safest instrument ever.

1. Instrument layout

- maximum capacity of 420 standard cassettes, in three levels of 140 cassettes each
- 3 paraffin containers of 4.4-4.7L each
- 12 positions for reagent tanks
- Adjustable chamber temperature during protocol creation

2. Dimensions and packaging

- **Floor instrument:** Minimum load-bearing capacity of the floor 200 kg/sq.m.
- **Size with packaging (WxDxH):** 800x950x1560 mm

Donatello® Series 3 features

1. GENERAL FEATURES

- Closed-loop floor processor with vacuum/pressure system and controlled functions for paraffin and reagent heating
- Stainless steel processing chamber with 8 litre capacity
- Three-layer stainless steel basket, 420 samples with integrated suction system
- Stainless steel basket for Super-Mega-Cassettes, 56 samples (standard Super-Mega-Cassettes) or 112 samples (Slim Super-Mega-Cassettes)
- **4 capacitive and adaptive level sensors** capable of detecting the presence of the reagent and the correct filling level even in the presence of residues deposited on the sensor surface, to prevent samples from being left without reagent
- Emergency level sensor to prevent overfilling of the chamber
- **Closure check** capable of detecting incorrect closure of the process chamber and alerting the operator (within 4 seconds) in order to prevent process start-up failure
- Temperature sensors and thermostats designed to more sensitively and specifically control the temperature during the processing steps. Accurate measurement and proper temperature management within the processing chamber during the processing steps, especially in temperature-dependent steps (e.g. FAST processing, paraffin step) is essential in order to preserve the integrity of the proteins
- 15" colour touch-screen
- Easy-to-use icon-based software for total control of the instrument's functions
- **Unlimited** number of protocols settable via software
- **Customisable** protocols for each protocol step; the user can adjust the incubation time, the pressure/vacuum cycles, the temperature, bubbling and the safety reagent.
- **Reverse protocol:** possibility to automatically reverse an existing protocol in order to recover incorrectly processed tissues
- **Validated Biomarkers Protocols** already present in the instrument for the preservation in the biological sample of nucleic acids and antigens such as PD-L1. **Demonstrating the interference of tissue processing in the evaluation of tissue biomarkers: the case of PD-L1***
<https://www.sciencedirect.com/science/article/pii/S0344033823003059>
- **Fast Processing System (FPS) technology**, which makes it possible for small biopsies to be processed quickly (<1 mm in less than an hour)
- **ID Colour Code** offers the possibility of associating a colour to the protocol for easy identification by the operator
- Downloadable reports in different formats verifiable by the operators with the possibility of setting filters for searches
- Different users can be set up with different mapping of the functions accessible to each one
- **E.V.A.+ (Emergency eVolved Algorithm):** intelligent virtual algorithms designed for enhanced security. In the event of a mechanical blockage, especially in unmanned process stages, they are able to perform fully automatic troubleshooting operations without interrupting the ongoing processing.
- **SelfCheck+ and SelfCheck fast:** a self-diagnostic system for checking and monitoring the functional status of the most sensitive parts of the instrument that is automatically activated before each processing, giving the operator a few minutes to know the instrument's suitability status at the start of the process
- Customised **Safe Reagent** for each processing step that, in the event of a power outage, will be loaded into the process chamber to keep the samples safe until the arrival of Laboratory personnel (only if connected by UPS or generator). The Safe Reagent will not only intervene in the event of a power outage, but also following the various attempts of the emergency procedure carried out by E.V.A., in the event of a mechanical blockage, if not resolved.
- **ABS (Avoid Block System)**, which makes the instrument less susceptible to impurities, such as the accidental presence of organic and inorganic substances and foreign bodies that may accidentally circulate inside the instrument.
- **Paraffin dumping** in 2 user-selectable modes: **PWD** (Protect Wax Dumping), in an empty tank pre-installed inside the processor or **EWD** (External Wax Dumping) through an insulated external pipe
- **WCS** (Wax Cleaning System): automatic and manual paraffin purification procedure
- **Activated carbon filter** suitable for filtering vapours from aldehyde-based reagents or solvents, with depletion control software module
- Option of connection to external suction (optional accessory, on request)
- **Total traceability** thanks to the possibility of uniquely and securely identifying the baskets and samples processed, all the operations that take place during the process steps, the operations and reagents used during reagent change operations, and identifying the users who interact with the instrument.

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- **Reagent tank identification:** RFID tag system enabling the recognition of reagent tanks, thus avoiding any errors during reagent replacement
- Possibility of setting reagent limits through a calculation based on the number of cassettes (DAF) and processes or only based on the processes performed
- **MultiSense technology:** during the initial setup of the processor, the software enables the operator to choose between different setup parameters in order to identify the most suitable configuration for the laboratory routine (STANDARD, GREEN, OPEN)
- **LED flashing system** positioned at each reagent tank (12 LEDs per instrument) to guide the operator when changing tanks and to display the instrument status during Selfcheck+
- Reagent status and consumption easily displayed via main software screen by changing icon colour
- **Automatic reagent mapping** allowing the correct positioning of the processing steps during protocol creation: the software will only allow the insertion of reagents compatible with the previous step in the protocol
- **Energy Monitoring System** capable of monitoring the instrument's energy consumption in real time
- Possibility of using green substances as well as traditional solutions
- **Remote assistance:** real-time monitoring and support
- Donatello® Series 3 allows you to perform all Firmware and Software updates directly remotely without physical intervention from technical support.

2. Sample Processing Chamber (SPC)

Processing chamber made of stainless steel, resistant to solvents and heat:

- **4 capacitive and adaptive level sensors:** sensors capable of detecting the presence of the reagent and the correct filling level even in the presence of dirt or residues deposited on the sensor surface, to prevent samples from being left without reagent. The fourth is also the emergency level sensor to prevent overfilling of the chamber
- **Closure check:** system capable of detecting the incorrect closure of the process chamber and alerting the operator (within 4 seconds) in order to prevent process start-up failure
- **Temperature detection:** the position of the temperature sensors and thermostats is designed inside the process chamber and on the lid to more sensitively and specifically control the temperature during the processing steps. Accurate measurement and proper temperature management within the processing chamber during processing steps, especially in temperature-dependent steps (e.g. FAST processing, paraffin step) is essential in order to preserve protein integrity.

3. SOFTWARE

Easy-to-use icon-based software for total control of the instrument's functions.

Processing protocols

- **Unlimited** number of protocols settable via software
- **Customisable** protocols: for each protocol step, the user can adjust the incubation time, the pressure/vacuum cycles, the temperature, bubbling and the safe reagent.
- **Reverse protocol:** possibility to automatically reverse an existing protocol in order to recover incorrectly processed tissues

Validated protocols

- The processing protocols already present in the instrument are validated by Diapath S.p.A and by reference Hospitals, Laboratories and IRCCS [Scientific Institutes for Research, Hospitalization and Healthcare] where they are used daily for the processing of histological samples for diagnosis and immunohistochemistry, in situ hybridisation and molecular biology investigations for the identification of biomarkers predictive of response to cancer therapy. Below is the scientific publication describing, in a comparative study, the interference of tissue processing in the evaluation of biomarkers useful in selecting patients who are candidates for Immunotherapy

Demonstrating the interference of tissue processing in the evaluation of tissue biomarkers: the case of PD-L1*
<https://www.sciencedirect.com/science/article/pii/S0344033823003059>

FPS (Fast Processing System)

Makes it possible to run a **fast protocol** lasting less than 1 hour (see specialised protocol guidelines).

The FPS module enables the reagent to be heated before its actual use within the processing chamber.

- Procedure making it possible for small biopsies (< 1 mm thickness) to be processed quickly in less than 1 hour (Effective reagent incubation time)

ID Colour Code - Protocols associated with the colour code

From the protocol creation screen, it is possible to associate a colour to the protocol for easy identification by the operator. It will be possible to distinguish protocols by colour and by start-up type (immediate, overnight, customised).

SmartView

Dual screen for complete monitoring of process operations:

- **Main screen** for starting processing and washing, reagent replacement, monitoring operating status and displaying the history of operations performed
- **Extended screen** for monitoring all instrument functions in one intuitive screen. In addition to the options already selectable on the main screen, it additionally shows the event log, filter and condensate status, and the energy consumption of the instrument.
- **Smart wizards:** the software is equipped with wizards for increased safety during operations involving operator intervention (reagent change, paraffin replacement, process chamber opening)
- During interactions with the instrument, the operator is supported by the voice prompts of the advanced E.V.A.+ (Emergency, eVolved Algorithm) system
- Multilingual Software

Bokeh Pop-up

Feature designed to foreground a specific area of text when important messages appear for the operator for which confirmation is required for the initiation of an execution operation required by the instrument.

ID User Management System

It enables the creation and management of different user profiles and types by coding and assigning specific permissions according to the type of operator. Features:

- There is a hierarchy of permissions per user type based on **6 access levels: Guest operator, User operator, Advanced User/Laboratory Manager operator, Application Specialist operator, Service operator, Diapath operator**
- **ID-CARD RFID Technology based:** the login that identifies the user is done quickly and securely via a personalised **RFID card** or barcode
- Traceability of the operations performed by each operator

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Reports and statistics

Downloadable reports in different formats verifiable by operators with the possibility of setting filters for searches, relating to:

- installed processing/washing protocols
- processing/washing protocols performed
- alarm list
- operations carried out by the operators
- tank replacement and related information such as batch and expiry date,
- Possibility to save or import processing protocols, instrument settings and reagent configuration to an external storage device

4. SAFETY



E.V.A.+ (Emergency eVolved Algorithm) Safe diagnosis

Donatello® Series 3 features intelligent virtual algorithms designed for enhanced security. In the event of a possible mechanical blockage, especially during unmanned processing stages such as overnight processing, Donatello® Series 3 is able to perform fully automatic troubleshooting operations without interrupting the ongoing processing. Should critical situations occur in the absence of an operator, E.V.A.+ is able to make the best choice for the safety of samples under all conditions and process steps. E.V.A.+ is also equipped with communicative capabilities thanks to the synthesis of a virtual voice that communicates verbally with the operator, actively supporting them during their use of the instrument. E.V.A.+ becomes an essential technological instrument in the implementation of safety standards for the diagnostic specimen and the operator. System features:

- Integrates software wizards with virtual voice and video support user interface for increased safety when performing manual operations (reagent change, paraffin replacement, process chamber opening)
- Thanks to advanced algorithms, it is able to manage recovery processes autonomously, deciding which solution is the most suitable for samples in the event of an adverse event
- By interacting with the chamber sensors, it ensures the proper filling of the process chamber adaptively to the number of baskets and samples present
- Possibility to set up audio interactions with virtual male, female voice or in traditional mode with beeps
- Possibility to upgrade algorithms to increasingly advanced versions for all instruments connected to our control and monitoring support system



SelfCheck+ and SelfCheck fast

Self-diagnostic system for checking and monitoring the functional status of the most sensitive parts of the instrument which is automatically activated before each process, providing the operator with the instrument's suitability status within minutes. The procedure has an important predictive connotation in that it has the ability to intercept any anomalies (see aerospace pre-take-off check list) that could generate unexpected blockages during overnight processing.

Safe Reagent

Donatello® Series 3 provides for the setting of a customised safety reagent for each step of the processing. This is the only way to ensure an effective “safety reagent” system that preserves samples in case of problems.

In the event of a power failure, a previously set safe reagent will be loaded into the process chamber to keep the samples safe until Laboratory personnel arrive. In order to guarantee this functionality, connection to a UPS or generator set is required. The Safe Reagent will not only intervene in the event of a power failure, but also after the various attempts of the emergency procedure carried out by E.V.A. In addition, if there is more than one tank of the reagent family for the selected safe reagent and a problem occurs on the first useful tank, Donatello® will automatically attempt to take the reagent needed to perform the step from the other tank (of the same family). If the UPS is not connected and/or in the absence of a generator, in the event of a power failure the status of processing or flushing will be saved and then resumed when the instrument is restarted from the point at which the interruption occurred

ABS (Anti Block System)

Donatello® Series 3 is equipped with the **ABS** system, which makes it less susceptible to impurities, such as the accidental presence of organic substances (release of tissue components in processing), inorganic substances and foreign bodies (residues of dye powders e.g. eosin, tissue marking dyes and colouring inks, suture threads, staples, paraffin fragments) that may accidentally circulate inside the instrument. Insoluble fragments circulating within any hydraulic system have the potential to cause blockage phenomena of an embolism-like nature

ABS is a three-component system consisting of:

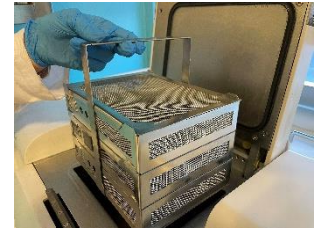
- **SoLenoid Technologies Valves:** “fluid-separated valves” designed to avoid interference from contaminants
- More powerful and quieter “**diaphragm coated**” pump
- Enhanced **fluidics system**

By helping to improve the fluid-dynamic system of the instrument, ABS also contributes to the reduction of cross-contamination between reagents by extending the shelf-life of process reagents.

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ABS accessories

3 baskets especially designed **with dirt retention grid**



3 paraffin filters designed with debris retention grid



Validated Biomarkers Protocols

Validated protocols for preserving nucleic acids and antigens such as PD-L1 in the biological sample.

Demonstrating the interference of tissue processing in the evaluation of tissue biomarkers: the case of PD-L1*
<https://www.sciencedirect.com/science/article/pii/S0344033823003059>

Bubbling

Reagent mixing procedure in the process chamber during the different steps of the protocol.

From the protocol creation screen, it is possible to choose, for each processing step, for how many minutes the bubbling procedure will be carried out during the reagent incubation phase in the process chamber

Activated carbon filter

Suitable for filtering vapours from aldehyde-based reagents or solvents, with depletion control software module. Option of connection to external suction (optional accessory, on request)

5. TRACEABILITY

Traceability and statistics

Donatello® Series 3 enables full traceability, thanks to the ability to uniquely and securely identify processed samples.

Features:

- **Traceability of the basket** inserted in the process chamber by means of a unique code.
- **Traceability of the sample** placed in the basket by means of a unique code. It can identify when a sample was processed, in which basket and with which protocol. This feature makes it possible to identify possible critical actions linked to the sample in the “processing history” in case of improper or irregular processing
- **Reagent traceability:** possibility of uniquely identifying the reagents used thanks to RFID technology
- **Operator traceability:** possibility to trace operations performed by the operators (start processing, change reagents, open reagent compartment, pause processing, stop processing, change safety reagent)
- **Security sensor** able to track the possible removal of reagent tanks by means of a sensor that can verify the opening of the reagent compartment (date, time and Operator)
- Donatello® Series 3 makes it possible to download all data and logs generated and stored during tracking operations, providing auditable and exportable statistics for operators relating to the tracking of protocols, alarms, users, replacement and reagent batches with the possibility of setting filters for specific searches.

Reagent Management System and unique Identification of reagent tanks using RFID technology

Donatello® Series 3 is equipped with 9 stations for processing reagent tanks, 2 stations for washing reagent tanks, 3 paraffin melting cylinders, 1 station for internal dumping of spent paraffin into tanks.

Reagent tank identification is performed by means of an RFID tag system, first introduced by Diapath Spa that revolutionised reagent handling security in the processing of histological samples, now further improved and evolved.

Each reagent is equipped with an RFID tag that makes it possible to perform allows the reagent change procedure in a totally secure manner:

- Avoids reagent mismatching errors and the use of unsuitable reagents
- It makes for traceability of the type of reagent, expiry, batch number and operator installing the reagent
- Possibility of setting reagent limits through a calculation based on the number of cassettes (DAF) and processes or only based on the processes performed
- Automatic reagent depletion level management with visual warning in case of need for replacement
- Software and LEDs guide the reagent replacement procedure

Reagent status and consumption easily displayed via the main software screen by changing the colour of the “reagent tank” icons:

- Green: reagent ready
- Red: reagent to be replaced
- Orange: reagent 75% depleted; information-predictive status enabling the operator to check the availability of replacement reagent before its expiry date
- Blue: reagent in use
- Grey: reagent not installed
- Black: unassigned tank
- Purple with Clock Icon: paraffin not yet melted (possibility to enter and declare already liquid paraffins)

LED flashing system located at each reagent tank (12 LEDs per instrument) to detect:

- Tank present and correctly installed: LED off
- Tank present, reagent to be replaced: LED On to visually indicate the tanks to be replaced
- Tank being replaced: flashing LED
- Tank in use during the processing/washing protocol: LED on

6. EFFICIENCY

MultiSense Technology

Donatello® Series makes it possible to choose between different setup parameters in order to identify the most suitable configuration for the Laboratory routine (STANDARD, GREEN, OPEN).

- Possibility to set the **start** mode for each protocol, among **5** possible alternatives: **Immediate, Overnight, Weekend, Fast – Half load, Custom**
- Possibility to automatically reverse an existing protocol in order to recover incorrectly processed tissues
- Automatic reagent mapping enabling the correct positioning of the processing steps during protocol creation: the software will only allow the insertion of reagents compatible with the previous step in the protocol

Smart UPS management

In the event of a power failure, Donatello® Series 3 offers the possibility of connecting to an external UPS system. The UPS system does not switch on after a predefined and determined time (e.g. after 10 minutes) after power failure, but rather according to the functional parameters of the instrument. This maximises UPS battery life performance.

Energy Monitoring System

Donatello® Series 3 is equipped with a system capable of monitoring the instrument's energy consumption in real time, maximising the instrument's energy efficiency, i.e. its ability to use less energy while increasing overall performance. Provides power consumption data, via software icons, optimising instrument power requirements and maximising energy savings



Energy ECO: energy consumption up to 500 W



Energy NORMAL: power consumption between 500 W and 1000 W



Energy POWER: energy consumption greater than 1000 W



Energy unplugged: the machine is powered by the UPS in the absence of mains supply

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7. ASSISTANCE

Remote support

Donatello® Series 3 was specifically designed with optimal and effective remote connectivity in mind. Our authorised technical and specialist service centres can monitor in real time and intervene on the instrument to guarantee a level of reliability and after-sales service that is unparalleled in today's world. Remote assistance software is available for real-time interventions on the instrument.

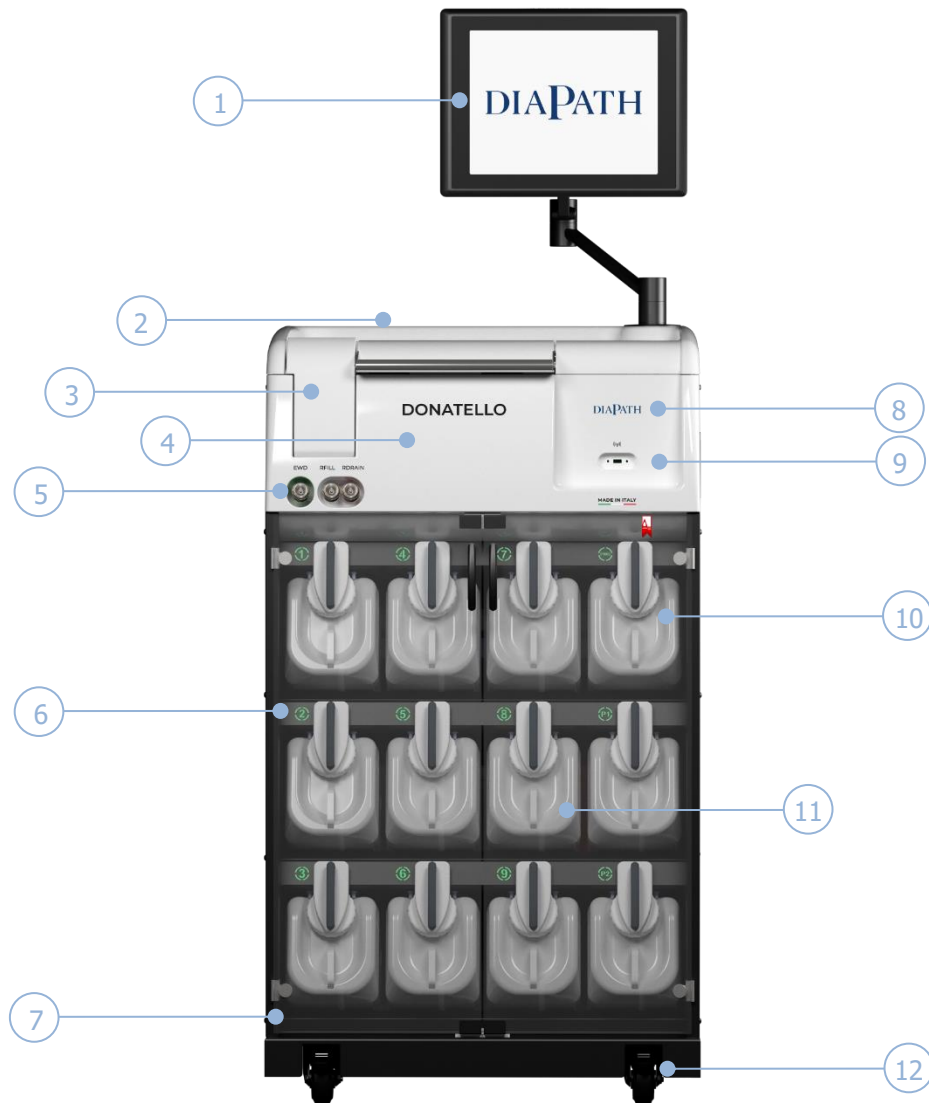
To connect it is necessary to use the remote assistance router, available as an accessory, in combination with the SIM card. In order to guarantee the reliability of the instrument over time, it is NOT intended to be connected to the hospital/laboratory network requiring the installation of software in addition to the standard, such as antivirus or firewall not provided by Diapath Spa. The instrument can however be interfaced with any external application through the sharing of data and signals in web-service mode, with the application envisaged and available in the Diapath Spa price list.

Remote Firmware & Software Update

Donatello® Series 3 allows all Firmware and Software updates to be carried out directly remotely without physical intervention by technical support.

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Donatello® Series 3 (CODE SDSDT9000)



1. All-In-One PC, 15" colour touchscreen
2. 3 paraffin containers (capacity 4.4-4.7L each)
3. Processing chamber locking system
4. Stainless steel processing chamber (total capacity 8L and 420 standard cassettes)
5. Connectors for manual reagent loading/unloading
6. Dynamic LED system (12 LEDs) for each reagent station
7. Door opening detection sensor
8. RFID technology for fast and secure identification of reagents and user login.
9. USB port for database and log export
10. PWD tank for internal dumping of spent paraffin
11. 12 reagent tanks
12. Wheels for transporting the instrument

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AVAILABLE MODELS

Donatello® Series automatic processor for histological samples SDSDT9000

AVAILABLE ACCESSORIES

Complete filtering basket kit (3 layers and handle), 420 cassettes	SDSPA9084
Basket for Super Mega cassettes	SDSPA9066
Pipe support	SDSPA9069
Spanner for UN tanks 5/10/20 L	R5000
UPS	CRDEA903-IIIPRO
Support for UPS	GP2000
Paraffin level measuring rod	SDSPA0129
Rack tray	SDSPA9060
Remote assistance router	CRD-RT01N
LAN cable extension 3 m	SDXCE0167
Auto Dialer for remote alarm	539018
Auto Dialer for remote alarm with SIM	SDSAD0001
Cable kit for Autodialer	SDSAD9001
Universal power supply for Autodialer	SDSAD0002
Spatula for paraffin removal	GP14008
Barcode Reader for Donatello® Series 3	SDSBR0001
QRcode cards for rapid operator identification and plastic card holder, 10 pcs.	SDXCE9000
RFID cards for rapid operator identification and card holders 5 pcs.	SDXCE9005
Interface Software module	SDSDT8000

CONSUMABLES AVAILABLE

Activated carbon filters kit SDSPA9050

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TECHNICAL FEATURES

Dimensions and weight

Dimensions (WxDxH)	700x750x1550 mm
Dimensions with packaging (WxDxH)	800x950x1560 mm
Empty weight	240 Kg
Weight with accessories	305 kg
Weight with packaging	336 kg

Process chamber

Capacity	3 x 140 cassettes
Maximum processing chamber volume	8L
Temperature (paraffins)	50 to 65°C (settable by the operator)
Temperature (processing reagents)	20 to 65°C (settable by the operator)
Temperature (washing reagents)	20 to 65°C (settable by the operator)
Filling vacuum	-50 kPa
Drainage pressure	50 kPa
Pressure/Vacuum	4 options (ambient, vacuum only, pressure only, pressure/vacuum cycle)

Capacity

Maximum capacity	Up to 420 cassettes processed simultaneously
Basket description	3-layer stainless steel basket, 140 cassettes per level Basket for 56 standard Super-Mega-Cassettes (max.) or 112 slim Super-Mega-Cassettes (max.)
Reagent tank number	9 stations for tanks canisters with processing reagents (5L), 2 stations for tanks with washing reagents (5L)
Processing chamber level sensors	4 capacitive and adaptive sensors
Processing and washing protocols	No limit on the number of protocols <ul style="list-style-type: none">- Max. duration per step: 99 hours, 59 minutes and 59 seconds- Maximum delay time: no limit- Protocol start step: user-adjustable at the beginning of each run
Reagent Management System (RMS)	Processing reagents: cassettes (DAF)/cycles Washing reagents: cycles
Reagent mix	User adjustable (5 min up to 30 min)
Filters	Specific active carbon filters (also in the process chamber) Option of connection to external suction (optional accessory, on request)

Paraffin containers

Paraffin containers	3
Capacity	4.4-4.7 L each
Paraffin melting time	8 hours (depending on type of paraffin)
Paraffin cleaning cycle	WCS (Wax Cleaning System) automatic and manual paraffin purification procedure
Paraffin dumping	2 modes, user selectable: PWD (Protect Wax Dumping), in an empty tank pre-installed inside the processor or EWD (External Wax Dumping) through an insulated external pipe

Hardware and Software

Display	15" colour touchscreen display
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Graphics	Icon-based, user-friendly, software in different languages
USB	3 USB 3.0 ports, 1 USB 2.0 port, DC 5V
Alarm management	Intelligent management system via E.V.A. (Emergency eVolved Algorithm) on premises Remote assistance software available for real-time intervention on the instrument
User management	Diversified mapping of functions accessible to different users
Statistics	Downloadable in different formats and verifiable by operators on all protocols performed and all processing and washing protocols installed on the instrument, alarms, operations performed by the operators, tank replacement and related information, such as batch and expiry date, with the possibility to set filters for searches
LIS	Possibility of interfacing with LIS and/or traceability system
Saving statistics and databases	Save or import to external storage device
UPS	Yes, external (optional)

Technical specifications

Voltage	115-230 V~ ±10%
Frequency	50-60Hz
Installed power	2500 VA
Power cable	Type F (schuko)
Fuses	2 x T16A 250V Breaking capacity 500A@250Vac

Environmental specifications

Altitude	Up to 2000 m
Operating temperature	From +10°C to +40°C
Storage and transport temperature	From +10°C to +40°C
Operating humidity	80% for temperatures up to 31 °C, decreasing linearly up to 50% at 40 °C
Storage humidity	80%
Minimum floor capacity	200 Kg/sq.m.
Minimum distance from the wall	20 cm
Noise level	< 70 dBA
Pollution degree	2

General specifications

Certifications	CE - IVD and Compliance with Regulation 746/17
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Accessories supplied on purchase

Code	Description	Quantity
SDSDT9039	RFill/RDrain tube	02 pcs
SDSDT9040	External paraffin discharge pipe EWD	01 pcs
13.TAN5LT	Tank 5 L	12 pcs
SDSPA9036	Rear spacer	02 pcs
SDSPA9084	420-place filter basket	01 pcs
SDSPA0129	Level measuring rod for paraffins	01 pcs
SDSPA0146	Filter for paraffin cylinder	03 pcs