

DIAPATH

Constant Innovation in Anatomic Pathology



Galileo Series 2

Your ultimate lab partner in microtomy

THE LATEST GENERATION OF ROTARY MICROTOMES

SDSGA9001 - SDSGS9001



MADE IN ITALY

Why Galileo Series 2

YOUR ULTIMATE LAB PARTNER



ERGONOMIC

With **intuitive controls** and **ergonomic design**, it ensures precision, reduces strain and enhances productivity.



DESIGN

Engineered for long-lasting performance, this microtome is reliable over the years thanks to its **robust design**.



CUSTOM

This fully **customizable** microtome adapts your needs with interchangeable blade holders, precision clamps, and memory functions, for optimal performance.



SMOOTH

Galileo ensures **durability** in demanding lab environments, minimizing downtime even in tough conditions.





ORIENTATION SYSTEM

Micrometric precision pointing system of the sample with zero position indicator.



CLAMP

Thanks to the **practical quick release** system it is possible to easily replace the different types of clamps that Diapath offers: Standard, Super mega, Universal.



BLADE HOLDER

Blade holder with **millimeter indicator of position and anti-cut protection**, supported by a completely redesigned base for greater stability.

Galileo's features, designed for you.



BACKLIT PANEL

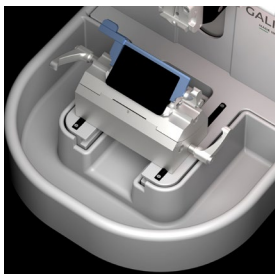
Immediate evaluation of sections.



HELPFUL HANDWHEEL SYSTEM (HHS)

Innovative "Handwheel-assisted rotation" lightness by reducing the stress related to repetitive movements of the operator's quality of working life.

What's new?



**+50%
volume***

**from 1.1 to
1.7 lt**

Redesigned waste tray

INCREASED VOLUME

Made of new material, offering greater capacity for paraffin waste collection and reducing the need for frequent emptying.



**+40%
thickness***

6 mm

NEW GENERATION SHIELD

The new generation robust shield ensures greatest durability and stability.

Compose your Galileo Series 2:

Select your microtome version to customize

SDSGA9001
Galileo AUTO
FULLY AUTOMATIC ROTARY MICROTOME

SDSGS9001
Galileo SEMI
SEMI AUTOMATIC ROTARY MICROTOME

Select multiple options to customize your microtome



1 CHOOSE CLAMP HOLDER

2 CHOOSE CLAMP





●●●●●*
SDSGA9048
**PRECISION
ADJUSTABLE HEAD**

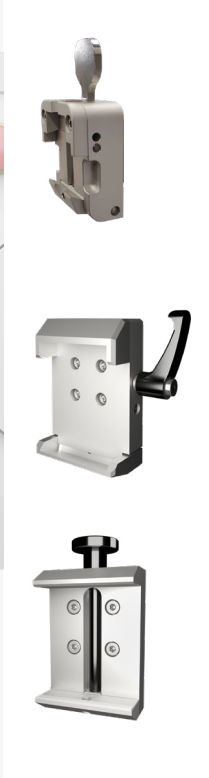


●●●●○*
SDSGA9053
ADJUSTABLE HEAD



○●●●○*
SDSGA0168N
RIGID SUPPORT
only for STANDARD CLAMP

* PRECISION ORIENTATION GRADE



Accessories for clamp changes



**SDSGA9034
QUICK EXCHANGE KIT**
1 kit for each clamp
for OCCASIONAL clamp CHANGES
*only for ADJUSTABLE HEAD



**SDSMS9009
QUICK RELEASE BLOCK**
1 kit is suitable for 2 different clamps
for FREQUENT clamp CHANGES

A INSTRUMENT

- Integrated Local board
- Ultra-light handwheel
- Backlit panel
- Storage shelf
- Emergency button on R side
- Pro System
- New generation shield

B TRAY

- Wider waste tray

C REMOTE CONTROL

- Intuitive remote control

3 CHOOSE BLADE HOLDER

SDSGA9056 STANDARD CLAMP

SDSGA9057 CLAMP FOR SUPERMEGA CASSETTES

for cassettes 75x54x19 mm
(WxDxH)

SDSGA9058 UNIVERSAL CLAMP



SDSPL9100N + SDSPL9020 LOW PROFILE BLADEHOLDER



SDSPL9100N + SDSPL9003 HIGH PROFILE BLADEHOLDER

PRO System proven efficiency by acknowledged scientific contributory

Reference:

- Pathological Anatomy, University Polyclinic Foundation Campus Bio-Medico of Rome
- UniCamillus Saint Camillus International University of Health and Medical Sciences Diapath



READ THE STUDY



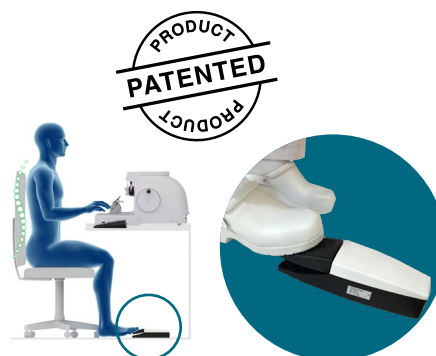
Galileo is ergonomics and flexibility, we take care of you

GALILEO AUTO SERIES 2

offers three configuration options: Remote Control, Local Board, and dynamic pedal.

DYNAMIC CONTROL PEDAL*

enables **fully automatic cutting**, freeing operator's hands and allowing precise control of cutting speed. It also promotes a **better posture** during work.



Galileo PRO System* PROductivity for your routine

The system includes tablet management with PRO App, barcode reader, Bluetooth, and internal memory. Store and recall sample positions using Multiblocks ID, boosting productivity by automating sample approach to the blade.



The PRO system efficiently scans **Datamatrix**, **Barcode**, and **QR codes** with accuracy.



Icon-based system



Stores the last cutting position for precise specimen-to-blade alignment.



Use of the tablet as Remote Control



Integrated PRO application to the Bluetooth tablet



Card* ID Operator login



Block and operator traceability



Increased productivity compared to standard systems



User manual available on the tablet

*Optional Accessories: **SDSGA9016** Dynamic CONTROL pedal | **SDSGAPRO** GALILEO PRO SYSTEM | **SDXCE9000** Operator Card (datamatrix) 10 pcs

Reduction of time
for 300 specimens
cut on the microtome

-57
minutes

with
PRO System

Specimens
tested

1576
embeddings

1006 operators specimens
570 biopsies



GALILEO SERIES 2 AROUND THE WORLD

Discover a selection of installations. Here you will find a range of installed solutions for Anatomic Pathology.
www.references.diapath.com



Type of microtome	Galileo AUTO FULLY AUTOMATIC	Galileo AUTO + Pro FULLY AUTOMATIC	Galileo SEMI SEMI AUTOMATIC	Galileo SEMI + Pro SEMI AUTOMATIC
ERGONOMICS				
Helpful Handwheel System (HHS)	✓	✓	✓	✓
Backlit Panel	✓	✓	✓	✓
Electric Brake	✓	✓	✓	✓
Remote and Local Control	✓	✓	✓	✓
Foot Pedal	✓	✓		
PRODUCTIVITY				
Customizable microtome	✓	✓	✓	✓
Increased Capacity of Waste Tray	✓	✓	✓	✓
Quick Clamping System	✓	✓	✓	✓
PRECISION				
Orientation System	✓	✓	✓	✓
Bladeholder with millimeter indication of position and anticut protection	✓	✓	✓	✓
Storage of last cutting position		✓		✓
Automatic alignment of sample to blade		✓		✓

Technical data

CUTTING SPEED

from 0 – 150 (0 – 420 mm/s)

RETURN STROKE SPEED

from 120 – 420 mm/s ± 10%

HORIZONTAL SPECIMEN FEED

30 mm ± 1 mm

VERTICAL MOVEMENT

70 mm

CUTTING MODES

Manual, automatic, single, multi, continuous, rock mode

SAMPLE ORIENTATION

Horizontal: 8° (X), vertical: 8° (Y), rotation: 360°

MAXIMUM SAMPLE SIZE (WxD)

Standard clamp: 55 x 50 mm

Super mega clamp: 74 x 53 mm

Universal clamp

SAMPLE RETRACTION

from 5 – 100 µm in 5 µm increments (can be disabled)

SPEED ADVANCE

0 – 1200 µm/s

SIZE (W - D - H)

400 x 675 x 350 mm

WEIGHT

40 Kg

VOLTAGE

230V, 10A, 60Hz / 110V, 10A, 50Hz

POWER

200VA

REGULATORY STANDARDS

CE – IVD – cTUVus



Meet
the expert

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

SCAN HERE



Diapath range of solutions for Anatomic Pathology



Donatello

Automatic
Tissue Processor



Dante

Embedding
system



Giotto

Automatic
Stainer



CytoPath® Line

Cytology
line

Discover the full range on www.diapath.com/products

Accreditation DIAPATH



Co-funded by the EU
"Horizon 2020" programme



Donatello Series wins
A'Design Award Competition
2019 in the "Scientific
Instruments" category



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



Provider of training
credits recognised by
NSH - National Society
for Histotechnology

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