

Laboratory consumables

Histology and Microscopy

- Histology and biopsy cassettes
- Microscope slides
- Slide boxes
- Cyto cuvette
- Counting chambers
- Specimen pots
- Stains
- Bi-distilled water

Our products are designed to ensure quality, precision and efficiency in your laboratory.





Histology and biopsy cassettes

Histology and biopsy cassettes with detachable lid. Made of acetal resin, resistant to decalcifying solvents, histological solutions and ultrasonic techniques. Writing area on 3 sides: one on the front and two on the side. Can be used on automatic instruments.

Innovative locking system

It prevents accidental opening during processing avoiding sample loss while still allowing the cassette to be opened easily when intended.

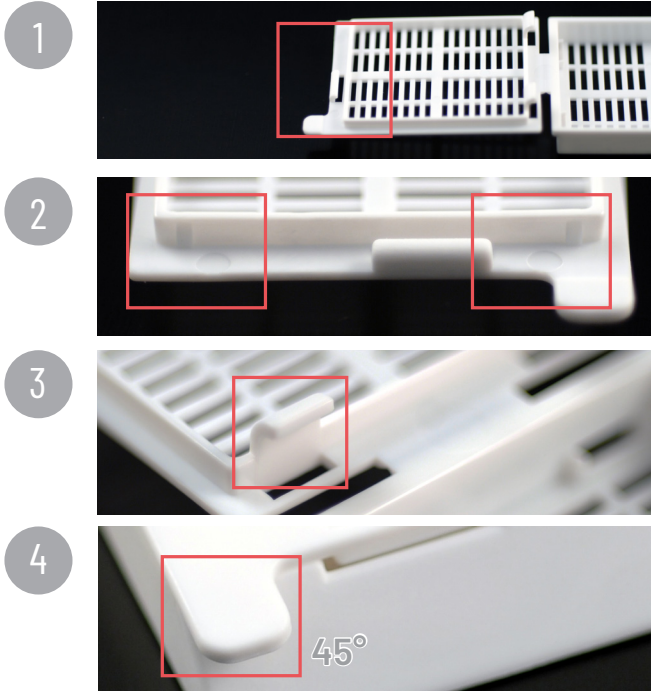


Photo 1: This purpose is achieved through the presence of a front locking hook facing the inside of the cassette which, in the case of bulky samples, resists accidental opening.

Photo 2: Furthermore, the presence of special ribs on the lid prevents its forward movement with respect to the body of the cassette, ensuring the insertion and sealing of the two rear hooks in the appropriate slots (**Photo 3**), thus avoiding opening the cassette at the back.

Photo 4: The opening tab has no sharp edges and is structured to allow easy opening by the operator. The front writing area has an angle of 45°. Made of polyoxymethylene (POM).

Histology Cassettes



POM cassettes with detachable lid (40 x 28 x 7 mm) with rectangular holes (5 x 1 mm)

Code	Colour	Units/Bags	Sales units
BSI102	White	500	2000
BSI1022	Yellow	500	2000
BSI1024	Pink	500	2000
BSI1026	Green	500	2000
BSI1027	Orange	500	2000
BSI1028	Light Blue	500	2000

Biopsy cassettes

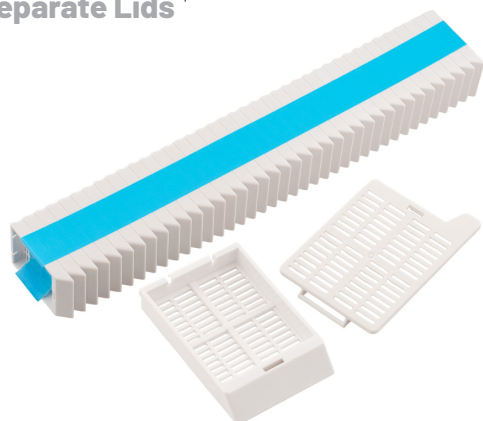


POM cassettes with detachable lid (40 x 28 x 7 mm) with square holes (1 x 1 mm)

Code	Colour	Units/Bags	Sales units
BSI103	White	500	2000
BSI1032	Yellow	500	2000
BSI1034	Pink	500	2000
BSI1036	Green	500	2000
BSI1037	Orange	500	2000
BSI1038	Light Blue	500	2000



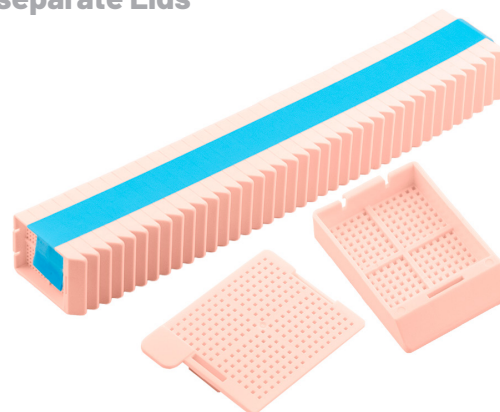
Pre-stacked Histology Cassettes with separate Lids *



Pre-stacked POM cassettes secured with tape, lids (42 x 28.3 x 6 mm) supplied separately. Rectangular holes: 5.2 x 0.9 mm

Code	Colour	Units/Bags	Sales units
BSI800	White	400	2000
BSI802	Yellow	400	2000
BSI804	Pink	400	2000
BSI806	Green	400	2000
BSI808	Orange	400	2000

Pre-stacked Biopsy cassettes with separate Lids *



Pre-stacked POM cassettes secured with tape, lids (42 x 28.4 x 5.95 mm) supplied separately. Square holes: 0.7 x 0.7 mm

Code	Colour	Units/Bags	Sales units
BSI700	White	400	2000
BSI702	Yellow	400	2000
BSI704	Pink	400	2000
BSI706	Green	400	2000
BSI708	Orange	400	2000

6 single storage drawers

- In polystyrene
- Stores and identifies more than 165 embedding rings or 250 cassettes per drawer
- Shock resistant
- Identification labels included



Code	Description	Sales units
040669	6 single storage drawers	1

Histology sponge

- Protective sponges with controlled porosity
- For embedding cassettes
- Resistant to solvents used for processing
- Useful when preparing small biopsy specimens



Code	Colour	Units/Bags	Sales units
BSI105	Blue	500	5000

Cassette without lid

Embedding cassette without lid compatible with metal lids



Code	Colour	Units/Bags	Sales units
BSI104	White	500	2000

Steel lid

Steel lid for embedding cassettes

- Made of stainless steel
- 28 x 40 mm



Code	Units/Bags	Sales units
BSI220	10	20

Stainless steel base mould

- Made of stainless steel
- For embedding
- Smooth internal surface
- Can be used with embedding cassettes or rings



Code	Description	Sales units
040728	Stainless steel base mould 7 x 7 x 5 mm	12

*The image is for illustrative purposes only and may not fully reflect the product features.



Microscope slides

- Ready-to-use, washed and degreased microscope slides
- Packed in 50-piece boxes
- Thickness ± 1 mm
- With or without separating paper between the slides



Cover slips

- Thickness: 0.13 ± 0.17 mm
- Clear glass



CLEARLine® microscope slides

- Ready-to-use, washed and degreased microscope slides
- Packed in 50-piece boxes
- Thickness ± 1 mm
- For automatic printers



CLEARLine® cover slips

- Thickness from 0.16 to 0.19 mm
- Clear glass
- For automatic coverslippers



Slides with divider papers

Code	Dim. (mm)	Angle	Cut rim	Ground rim	Writing Area	Sales units
VBS653/A	26 x 76	90°	X			2500
VBS654/A		90°	X		X	2500
VBS655/A		45°			X	2500

SILVER microscope slides

Code	Dim. (mm)	Angle	Cut rim	Ground rim	Writing Area	Sales units
VBS653	26 x 76	90°	X			2500
VBS654		90°	X		X	2500
VBS655		45°			X	2500
VBS656		45°			X	X

SILVER microscope slides with coloured end

Code	Dim. (mm)	End colour	Angle	Ground Rim	Writing Area	Sales units
VBS656/B	26 x 76	White	45°	X	X	2500
VBS656/AZ		Light blue	45°			2500
VBS656/G		Yellow	45°			2500
VBS656/RA		Pink	45°			2500
VBS656/V		Green	45°			2500
VBS656/AR		Orange	45°			2500

Code	Dim. (mm)	Thickness (mm)	Sales units
VBS633	18 x 18	0.15 ± 0.2	2000
VBS634	20 x 20	0.15 ± 0.2	2000
VBS636	22 x 22	0.15 ± 0.2	2000
VBS637	24 x 24	0.15 ± 0.2	2000
VBS638	24 x 32	0.15 ± 0.2	1000
VBS649	24 x 40	0.15 ± 0.2	1000
VBS650	24 x 50	0.15 ± 0.2	1000
VBS651	24 x 60	0.15 ± 0.2	1000

CLEARLine® microscope slides



Code	Dim. (mm)	Angle	Cut rim	Ground rim	Writing Area	Sales units
VBS6583	26 x 76	90°	X			2500
VBS6584		90°	X		X	2500
VBS6585		45°			X	2500
VBS6586		45°			X	X

CLEARLine® microscope slides with coloured end for inkjet printers

Code	Dim. (mm)	End colour	Angle	Ground Rim	Writing Area	Sales units
VBS6586/AR	26 x 76	Orange	45°	X	X	2500
VBS6586/AZ		Light blue				2500
VBS6586/B		White				2500
VBS6586/G		Yellow				2500
VBS6586/RA		Pink				2500
VBS6586/V		Green				2500

CLEARLine® slides for thermal transfer printers



Code	Dim. (mm)	End colour	Angle	Ground Rim	Writing Area	Sales units
VBS402	25 x 75	Green	45°	X	X	1000
VBS403		White				2000
VBS404		Yellow				2000
VBS405		Pink				1000
VBS406		Light blue				1000

Code	Dim. (mm)	Thickness (mm)	Sales units
VBS6504	24 x 50	0.16 to 0.19	1000
VBS6514	24 x 60	0.16 to 0.19	1000



Histobond®

Histobond® microscope slides are positively charged and allow greater adhesion of the sample under examination.



Code	Description	Internal units	Sales units
VBS5001	Adhesive slide, with silane-treated surface	100	2000

Slide boxes

- Individually numbered places
- Supplied with classification card
- Biological risk label on the upper part
- In ABS
- For 26 x 76 mm slides



2-place slide holder

- 2-place slide holder
- For 26 x 76 mm slides
- Equipped with a ring for applying seals or identification tags



Code	Dimensions (mm)	Places	Sales units
BSL274	3.0 x 5.0 x 8.0	12	15
BSL276	3.0 x 9.5 x 8.0	25	15
BSL277	3.0 x 8.0 x 20.0	50	15
BSL278	3.0 x 16.0 x 20.0	100	15

Code	Places	Sales units
BSI101	2	1000

Cardboard slide holders

- Suitable for temporary storage and transfer of slides
- Made of heavy, economical and reusable cardboard
- Suitable for standard slides (Dim. 26x76 mm; thickness 1.0±0.2 mm)
- With or without lid
- With or without dividers



Post slide holder

- Post slide holder
- In polypropylene
- Snap closure
- With 1, 2, 3 or 5 places
- For 26 x 76 mm slides



Code	Description	Lid	Dividers	Sales units
BSI099	1 place	X	X	50
BSI100	2 places	X	X	50
BSI200	32 places	X		5
BSI201	4 places	X	X	50
BSI202	9 places			10
BSI203	10 places	X	X	5
BSI204	20 places	X	X	5
BSI205	20 places		X	10
BSI206	20 places	X		5

Code	Places	Sales units
BSL923	1	200
BSL925	2	100
BSL924	3	100
BSL926	5	100

Post slide holder from 5 to 10 places

- In polypropylene
- Screw cap
- 40 x 90 mm
- With ring for sealing applications
- For 26 x 76 mm slides



Code	Dimensions (mm)	Places	Units/Bags	Sales units
BSL922	40 x 90	from 5 to 10	50	250

Slide tray in plastic

- From 10 to 40 places
- In polystyrene
- White colour
- For 26 x 76 mm slides



Code	Dimensions (mm)	Places	Sales units
BSL671	34.0 x 10.0	10	100
BSL672	34.0 x 19.0	20	50
BSL673	34.0 x 40.0	40	10

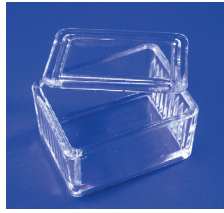
HISTOLOGY AND MICROSCOPY



Schiffedercker staining jar

Soda-lime glass jar with lid, Schiffedercker type

- For 10 76 x 26 mm slides (or 20 slides placed back to back)



Code	Dimension (mm)	Capacity (mm)	Sales units
068511	l x w x h: 90 x 70 x 50	For 10 76 x 26 slides (or 20 slides placed back to back)	1

Hellendahl staining jar

Jar with lid, Hellendahl type

- In PMP (TPX) or glass
- For 8 slides in vertical position or 16 slides placed back to back
- l x w x h: 58 x 5 x 86 mm



Code	Dimension (mm)	Capacity (mm)	Sales units
391059	l x w x h: 58 x 5 x 86	8 76 x 26 slides (or 16 slides placed back to back)	1
068509	l x w x h: 58.5 x 58.5 x 100	8 76 x 26 slides	1

Coplin staining jar

Soda-lime glass jar with lid, Coplin type

- For 5 76 x 26 mm slides (or 10 slides placed back to back)



Code	Description	Sales units
068512	Staining jar Glass Coplin ø x h = 73 x 105 mm	1

Burker's chamber

Dark line

The standard counting chambers have the counting grids engraved on the bottom of the chamber.

Bright line

The "bright line" counting chambers have the counting grids engraved in a thin layer of metal.

- Manufactured with a special optical glass
- Chamber depth tolerances 2% (max)
- Complies with DIN ISO 12847



Counting chambers

Code	Type of chamber	With clamps	Type of grid	Sales units
900510	Burker	X	Bright line	1
900514	Fuchs-Rosenthal	X	Dark line	1
900509	Nageotte	X	Dark line	1
900511	Improved Neubauer	X	Dark line	1
900512	Thoma	X	Dark line	1

Cover slips for cell counting chambers

Code	For chambers	Dimensions (mm)	Thickness (mm)	Sales units
140537	Malassez, Neubauer, Thoma, Fuchs-Rosenthal, Lemaure, Agasse Lafont	22 x 22	0.4	10
140599	Nageotte	22 x 30	0.4	100

Cyto Cuvette

Single-use chambers for cyto centrifuge with high-absorption cardboard sheet. Available with 1, 2 or 3 wells

- In polypropylene
- Compatible with Shandon centrifuges
- With separate caps



Code	Description	Sales units
BS11056	1-well cyto cuvette with incorporated cardboard sheet	500
BS11058	2-well cyto cuvette with incorporated cardboard sheet	500
BS11059	3-well cyto cuvette with incorporated cardboard sheet	500



Specimen pots

- Pots in shock-proof polystyrene
- For surgical specimens
- With snap closure
- With or without silkscreen



Code	Dimensions (mm Ø)	Volume (ml)	Silk-screen printing	Sales units
BSC2512	125 x 70	500	X	180
BSC2511	125 x 70	500		180
BSC2522	125 x 120	1000	X	180
BSC2521	125 x 120	1000		180
BSC2520	200 x 130	2500	X	52
BSC2527	200 x 215	5000	X	40

Immersion oil

Microscopy immersion media have approximately the same refractive index as glass. Thanks to immersion oil, the deflection of light rays is almost completely eliminated and the performance of microscope lenses is therefore considerably improved.



Code	Description	Sales units
BSI114	100 ml immersion oil	1

Eukitt embedding resin

- Rapid hardening
- Solidification in 20 minutes



Code	Description	Sales units
045798	Embedding resin - 100 ml bottle	1
045799	Embedding resin - 250 ml bottle	1

Stains

Ideal stains for Histology.

- In 250, 500 or 1000 ml bottles



Code	Description	Sales units
TBS494	Methylene Blue, 1% aqueous solution	250 ml
TBS614	Lugol's solution for colposcopy	250 ml
TBS757	Turk's reagent for leukocyte counting	1000 ml
TBS560	Giemsa stain (Methylene Blue)	500 ml
TBS625	May Grünwald	500 ml
777107	Gram stain kit	4 250 ml bottles

Bi-distilled water

Ready-to-use 'bag in box' bi-distilled water to optimise laboratory space.

- Bag in box packaging: plastic can with tap inside cardboard box

Code	Description	Sales units
TBS102	Bi-distilled water in 10 litre tank with tap	1





Biosigma S.p.A - Dutscher Group
Via Valletta, 6 | 30010, Cona (Venice) Italy
Phone +39 0426 302226 | Fax +39 0426 302228
export@biosigmaeu.com | www.biosigma.com