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HISTOLOGY & ACCESSORIES

© Embedding Cassette	REF: 181	115-116
© Urinalysis Microscope Slide	REF: 186	117
© Slide Storage Box	REF: 182	118
© Other Accessories	REF: 183 / 184 / 185	119-120



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ICONS

	Code No.		Qty in bag
	Material		Qty in box
	Volume capacity		Qty in case for glass tube
	Additive		Qty in case for PET tube
	Drop volume		Qty in case
	Outer dimension		Sterile by irradiation
	Colour		Sterile by ethylene oxide
	Specification		Detailed information
	Temperature range		

MATERIALS

PE =	Polyethylene	COC =	Cycloolefin copolymers
PET =	Polyethylene terephthalate	HIPS =	High impact polystyrene
HDPE =	High Density Polyethylene	TPE =	Thermoplastic Elastomer
LDPE =	Low Density Polyethylene	GPPS =	General purpose polystyrene
PP =	Polypropylene	PC =	Polycarbonate
PS =	Polystyrene	P.O.M. =	Polyoxymethylene
PVC =	Polyvinyl chloride		
ABS =	Acrylonitrile Butadiene Styrene		





Embedding Cassettes

MINIPLAST embedding cassettes are manufactured from the new POM material, which provides excellent rigidity and precise dimensions, significantly reducing deformation of the wax block during embedding, freezing, and sectioning due to temperature differences. The scientific snap-fit design ensures the tightness between the bottom and the lid of the embedding cassette during the tissue processing. With multiple angles of the writing surface design, it is compatible with the main embedding cassette printers widely. Various slot types and assembly methods are designed to meet the different experimental requirements and usage habits of professional users. To ease visual fatigue during work and to facilitate the distinction of different types of samples, we offer products in multiple colors.

Tissue Cassettes

- ◇ Made from POM material, 100% histological solvents' chemical resistant.
- ◇ Based on the type of lid, they can be categorized into: Integral hinge lid, separate hinge lid, separate dual hinged lid.
- ◇ The efficient flow-through slots measuring 5mm×1mm for efficient fluid exchange during tissue processing.
- ◇ Two side panels ideal for labeling, with a 35° or 45° angled front writing surface, the 45° writing surface is suitable for the majority of cassette printers.
- ◇ Available in taped and sleeve packaging for maximum convenience to users.



REF	Original REF.	MAT				
181-0201	KJ802	POM	Rectangle pores, 5mm × 1mm	200	2400	Integral hinge lid
181-0205	-	POM	Rectangle pores, 5mm × 1mm	200	2400	Integral hinge lid
181-0206	-	POM	Rectangle pores, 5mm × 1mm	200	2400	Integral hinge lid
181-0204	-	POM	Rectangle pores, 5mm × 1mm	200	2400	Separate hinge lid
181-0203	KJ802-2	POM	Rectangle pores, 5mm × 1mm	200	2400	Separate recessed lid
181-0207	-	POM	Rectangle pores, 5mm × 1mm	200	2400	Separate recessed lid
181-0208	-	POM	Rectangle pores, 5mm × 1mm	200	2400	Separate recessed lid

Embedding Cassettes

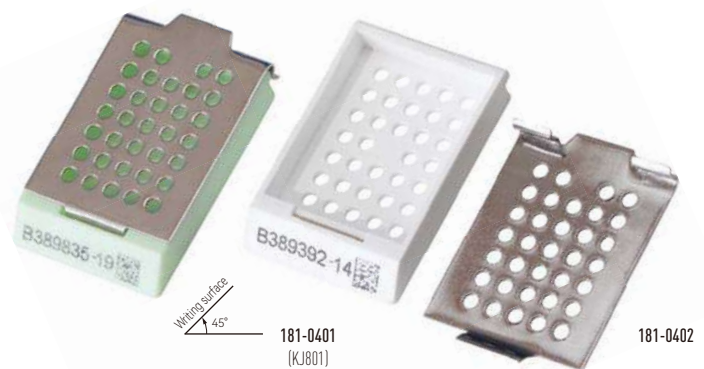
Biopsy Cassettes

- ◆ Square pores are more suitable for biopsy samples, reducing the risk of tissue loss. The excellent matching between the cassette and lid ensures tightness during processing.
- ◆ Made from POM material, 100% histological solvents' chemical resistant.
- ◆ Square pores, measuring 0.9mm x 0.9mm.
- ◆ Fine square pores, measuring 0.26mm×0.26mm, particularly suited for processing and embedding small tissues, such as biopsied tissue samples.
- ◆ Two side panels ideal for labeling, with anterior writing surfaces at 30°, 35°, or 45°. The 45° writing surface is suitable for the majority of embedding cassette printers.
- ◆ Based on the type of lid, they can be categorized into: Integral hinge lid, separate hinge lid, separate dual hinged lid
- ◆ The efficient flow-through slots maximize fluid exchange and ensure proper drainage.
- ◆ Available in tape and tube packaging, providing maximum convenience for users.



Lidless Embedding Cassettes and Stainless Steel Lids

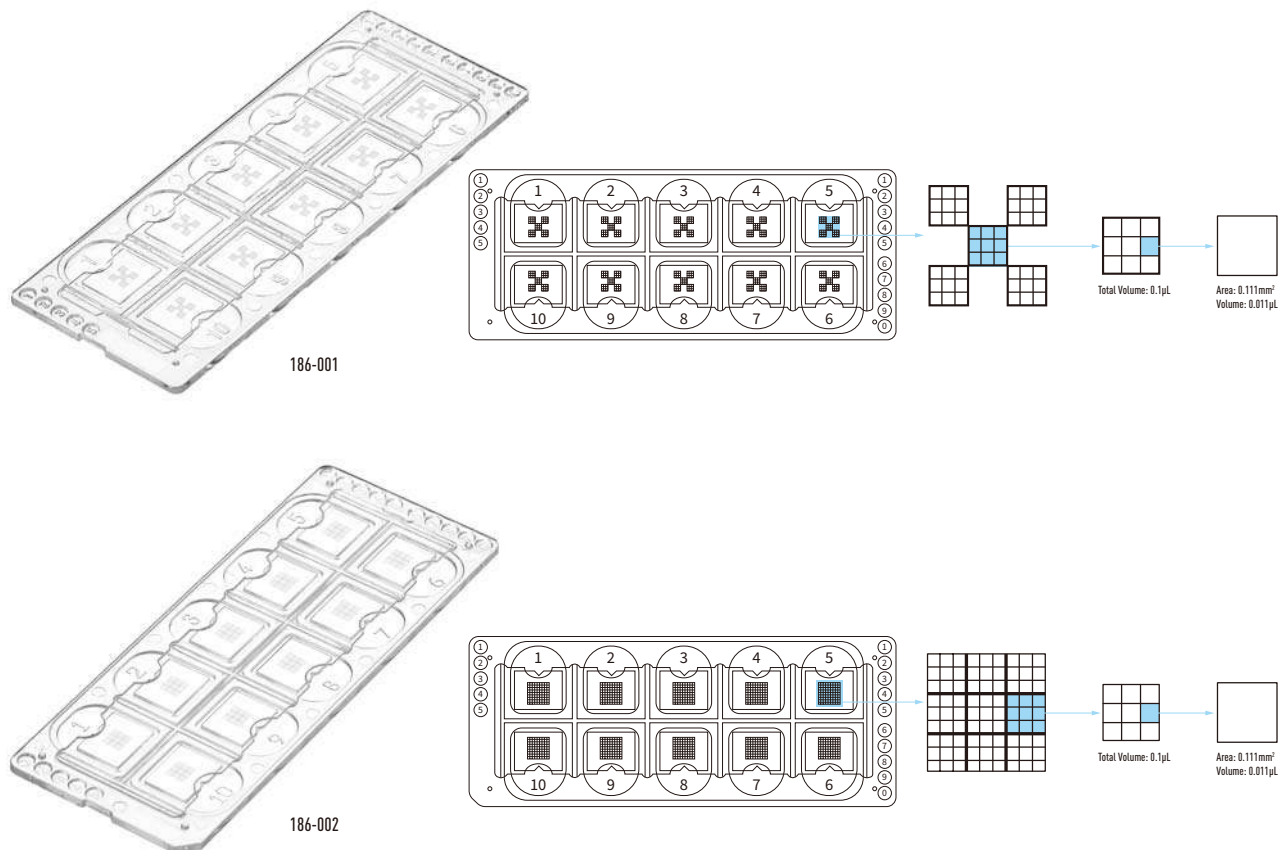
- ◆ Made from POM material, 100% histological solvents' chemical resistant.
- ◆ Featuring round pores with a diameter of 2.4mm, these standard-type cassettes are lidless and suitable for manual labeling or use with embedding cassette printers.
- ◆ Equipped with label surfaces on both sides, and a 45° anterior writing surface, making them compatible with the majority of embedding cassette printers.
- ◆ The thickened design ensures a tight fit on the microtome chuck adapters, preventing deformation of the cassette during sectioning.
- ◆ The stainless steel lids for embedding cassettes are reusable.



REF	Original REF.	MAT					
181-0101	KJ803	POM	0.9x0.9mm Square pores	200	2400		Separate recessed lid
181-0102	KJ803-1	POM	0.9x0.9mm Square pores	200	2400		Integral hinge lid
181-0103	KJ802-2	POM	0.9x0.9mm Square pores	200	2400		Separate hinge lid
181-0104	-	POM	0.9x0.9mm Square pores	200	2400		Separate recessed lid
181-0105	-	POM	0.26 x0.26mm Square pores	200	2400		Separate recessed lid
181-0401	KJ801	POM	Ø2.4mm Round pores	200	2400		Lidless
181-0402	-	Stainless steel		200	2400		Reusable

Urinalysis Microscope Slide

- ◆ **MINIPLAST** Urinalysis microscope slide is produced using medical-grade PS material, designed for clinical examination of urine sediment microscopy, allowing for the extracorporeal counting and analysis of cellular elements in urine.
- ◆ The slide contains 10 counting chambers, enabling the examination of 10 urine specimens, with each counting chamber having a grid with 81 well defined, pre-measured squares
- ◆ The design of the Urinalysis microscope slide enhances the accuracy, consistency, and safety of urine sediment microscopic examinations. It simplifies the testing process, prevents sample contamination, and streamlines the counting of cellular elements in urine specimens.



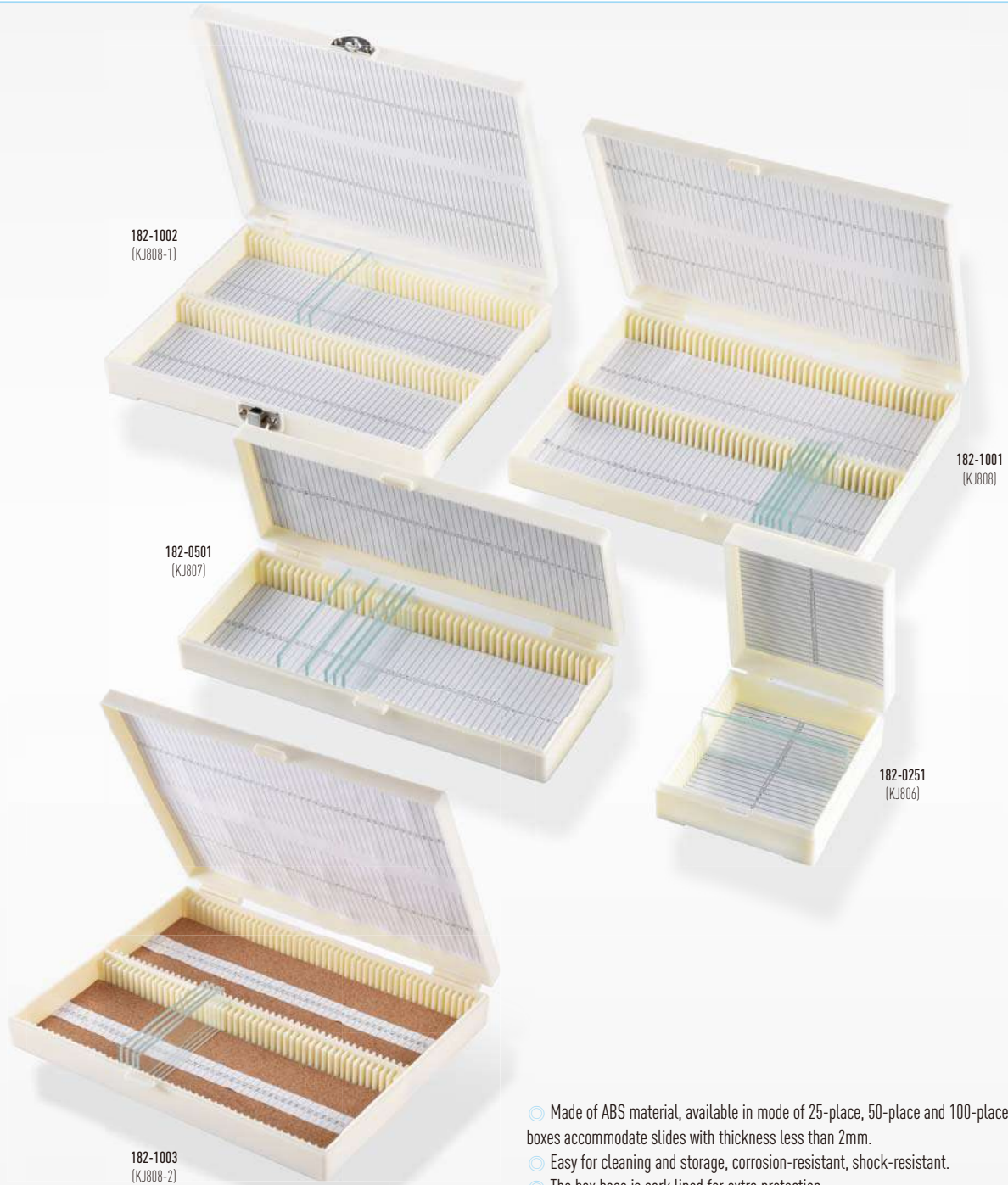
REF	MAT	* DIMENSIONS	GRID	QUANTITY	PACKAGING	NOTES
186-001	PS	83.3x32.4mm	10 counting chambers, 5 middle squares, 45 small squares	100	2000	Custom sterilization methods available.
186-002	PS	83.3x32.4mm (with positioning corner)	10 counting chambers, 9 middle squares, 81 small squares	100	2000	

* The dimensions only for reference. For accurate data, consult customer service.






How to use

- ◆ After thoroughly mixing the urine sample, transfer 10ml of urine into a urine sediment centrifuge tube.
- ◆ Centrifuge at a speed of 1000-1500 rpm for 5 minutes.
- ◆ After centrifugation, discard the supernatant, leaving behind 0.2ml of urine sediment.
- ◆ Shake the centrifuge tube to ensure the urine sediment is well mixed.
- ◆ Use a capillary to collect 15-20µl of urine sediment and inject into the counting chamber.
- ◆ Observe under a microscope at 400x magnification.
- ◆ Reporting format: Number of red blood cells, white blood cells, epithelial cells, and casts per µl.

Slide Storage Box



- Made of ABS material, available in mode of 25-place, 50-place and 100-place, etc. These boxes accommodate slides with thickness less than 2mm.
- Easy for cleaning and storage, corrosion-resistant, shock-resistant.
- The box base is cork lined for extra protection.

REF	Original REF.	MAT					
182-1002	KJ808-1	ABS	210×160×35mm	100-Place	1	50	Buckled slide storage box, Colour: cream
182-1001	KJ808	ABS	210×160×30mm	100-Place	1	50	Slide storage box, Colour: cream
182-0501	KJ807	ABS	210×80×30mm	50-Place	1	100	Slide storage box, Colour: cream
182-0251	KJ806	ABS	82×95×32mm	25-Place	1	200	Slide storage box, Colour: cream
182-0502	KJ807-1	ABS	210×80×30mm	50-Place	1	100	Slide storage box, Cork lined, Colour: cream
182-1003	KJ808-2	ABS	210×160×30mm	100-Place	1	50	Slide storage box, Cork lined, Colour: cream

Other Accessories



183-0001
(KJ821)



183-0002
(KJ820-3)








183-0003
(KJ820-4)



183-0004
(KJ820-2)







183-0005
(KJ824)

REF	Original REF.	MAT					
183-0001	KJ821	ABS	100×100×200mm		1	50	Slide dispenser, Colour: white
183-0002	KJ820-3	PP	120×90×10mm	2-Place		800	Slide mailer, Colour: transparent
183-0003	KJ820-4	PP	110×45×45mm	5-place		800	Slide mailer, Colour: transparent
183-0004	KJ820-2	Paper	340×200×10mm	20-Place		50	Cardboard slide mailer
183-0005	KJ824	ABS	300×195×12mm	20-Place		50	Slide mailer, Colour: Blue

Other Accessories



REF	Original REF.	MAT				
184-0001	KJ517	PVC	40×30mm	500	10000	Medication cup
184-0002	KJ517-4	PVC	35×35×30mm	500	10000	Medication cup
184-0003	KJ819	PP	30×30mm	20	3000	Medication cup for baby
184-0007	KJ820	PP	125mm		1200	Tweezers
184-0008	KJ820-1	PP	150mm	200	2000	Tongue depressor, Plastic
184-0004	KJ522	PP	42×45mm	50	700	Trilayer medication cup, Multi-color
184-0005	KJ522-1	PP	42×55mm	50	700	Trilayer medication cup
184-0006	KJ820-5	PVC	110×110×45mm		1000	Dressing bowl
184-0009	-	PS	82.6×58.3×14mm	100	4000	Rhombus, Anti static weighing tray
184-0010	-	PS	123.5×97×16.5mm	50	2000	Rhombus, Anti static weighing tray
185-0011	-	PS	80×80×24mm	50	2000	Square, Anti static weighing tray