

Histology is one of the most important sciences related to the medicine, whether in diagnosis and treatment or in researches. Among different stages of tissue preparation, both in biopsy and autopsy samples, two primary stages namely tissue fixation and dehydration are essential and if they are well done, the rest of the process will be easy. One way to facilitate these stages is using an appropriate tissue cassette. P.I.P. tissue cassette is disposable, is made of high-density Acetal polymers and apart from 100% resistance to the common solvents in histology, will keep the sample totally immersed in the fluids. This instrument is designed for all the stages of Processing, embedding, sectioning and storing tissue samples and it can be used from the beginning until the end. P.I.P. tissue cassettes have 116 slots of 1mmx5mm on its lid and base and these are embedded in a way that both in fixing stage the fixative solvent will easily pass through and in dehydration stage alcohol and xylene easily pass and reach the tissues.

User can single-handedly open and close the lid due to its hinges. There is also an oblique Anterior writing area to label the sample and sort it. After preparation, user can apply the same cassette for paraffin wax embedding and after taking it out, it can be easily put in the microtome. Besides, after paraffin wax embedding, because of the uniformity and homogeneousness of the cassettes, they can be simply archived in order.

Tissue cassettes are available in various colors in order for better identifying and storing.



1st floor, No.12, Naghdi St., Jahantab St.,
Mottahari Ave. Tehran, Iran
Tel: +98 21 88545922-9
Fax: +98 21 88765561 & +98 21 88767159
Postal code: 1576635714 P.O. Box: 15875-9483



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www.medpip.com
info@medpip.com



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www.medpip.com

Tissue Cassette



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Tissue Cassette

Technical Information

- Appropriate for processing, embedding, sectioning & storing samples
- Made of high-density acetal polymers
- Resistant to common histological solvents
- Tissue molding (appropriate size to be put in microtome) in the cassette
- With hinge door which locks easily
- Easily coded and labeled (45° Writing area)
- Sample totally immersed in the fluid due to its reticulated door and base
- Disposable

