

Technical Data Sheet Histo Blade

CE IVD | *For In Vitro Diagnostic Use* | *Manufacturer: Histo-Line Laboratories Srl*

Product	Size	Packaging	Code
Histo blade LP35H Low profile blade with increased durability	Box	50 pcs	R43351
Histo blade LP35S Low profile blade with increased sharpness	Box	50 pcs	R43361
Histo blade HP35S High profile blade with balance of sharpness and durability	Box	50 pcs	R43371
Histo blade Type 26 Excellent sharpness for soft tissues (Low Profile)	Box	50 pcs	R43301
Histo blade Type 42 Excellent durability for hard tissues (Low Profile)	Box	50 pcs	R43303
Histo blade Type 52 Excellent balance of sharpness and durability for hard tissues (Low Profile)	Box	50 pcs	R43304
Histo blade Type 67 Excellent sharpness for thinner sectioning (Low Profile)	Box	50 pcs	R43307
Histo blade Type 69 Excellent sharpness for both hard and soft tissues (Low Profile)	Box	50 pcs	R43308
Histo blade Type 70HP Excellent for cryo-sectioning with wide and thick blade (High Profile)	Box	50 pcs	R43341
Histo blade Type 80LA (22°) Excellent for ultra-thin sectioning such as for the kidney and the lymph node (Low Angle)	Box	50 pcs	R43311



Intended Use

Histo-Line Laboratories offers a broad range of disposable microtome blades for paraffin and cryostat sectioning for the whole range of individual applications in routine practice, research and industry.

General features

Microtome disposable blades which are aimed to section the specimens at certain stable thickness require technical expertise such as sophisticated heating process, excellent polishing and coating techniques. It is also required to maintain the high quality under precise controls with inspection instruments. Histo Blade is the product of advanced technologies.

Functional features

1. Histo Blade easily enables to produce thin sections with a number of paraffin blocks.
With a special coating for the blades it performs without scratches on the specimens for long.
Average number of block per a blade with 3 micron sectioning: 50 ~ 60 blocks for the pathological specimens
: 35 ~ 40 blocks for the anatomical specimens
2. Histo Blade enables thin sectioning with hard tissues.
It performs well for the myoma of the uterus, the prostate, the mammary gland, the thyroid gland, the bronchial bones, etc.
3. Histo Blade performs to maintain the original shape of specimen
With less friction at sectioning the paraffin sections are maintained almost same size of blocks.
4. With less friction at sectioning the paraffin sections are maintained almost same size of blocks.
Thanks to special manufacturing it helps to reduce the curling of sections. Thus it helps to attach the sections onto the slides.

Code	Description	The edge angle	Size (mm)	(mm)	Thickness (mm)	Packaging
43301	Histo blade Type26	35	80	8	0.25	50pcs
43303	Histo blade Type42	35	80	8	0.25	50pcs
43304	Histo blade Type52	35	80	8	0.25	50pcs
43307	Histo blade Type67	35	80	8	0.25	50pcs
43308	Histo blade Type69	35	80	8	0.25	50pcs
43341	Histo blade Type70HP	35	80	14	0.32	50pcs
43311	Histo blade Type80LA(22°)	22	80	8	0.25	50pcs
43351	Histo blade LP35H	35	80	8	0.25	50pcs
43361	Histo blade LP35S	35	80	8	0.25	50pcs
43371	Histo blade HP35S	35	80	14	0.32	50pcs

Material ingredient measurement (with fluorescence-X-rays equipment) is carried out for the incoming material.

Material ingredient	C %	Si %	Mn %	P %	S %	Ni %	Cr %
The standard	0.65 -0.70	0.20 -0.35	0.60 -0.75	MAX 0.025	MAX 0.020	MAX 0.50	12.70 -13.50
LADLE	0.69	0.34	0.74	0.025	0.002	0.10	13.28

Validity

Validity is not applicable to this type of product.

Storage Condition

The disposable blades not adopt special storage mode.

N.B. Although not reported in this technical sheet: compositions, precautionary measures, risk phrases, refer to storage, fire precautions, and more, refer to the Safety Data Sheet can be downloaded from our website: www.histoline.com or request it to: info@histoline.com

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