



# HISTOLOGY & PATHOLOGY

Microtome blade  
Microtome holder  
Autopsy blade and handle  
Dissecting blade and handle  
Replaceable blade scissors and blades  
Trimming knife blade and handle  
Safety trimming knife blade and handle



MADE IN JAPAN

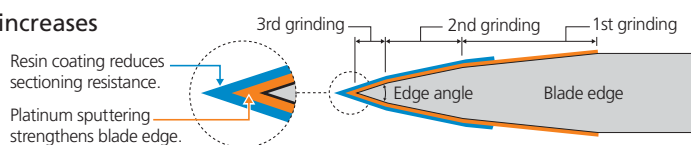
## FEATHER MICROTOME BLADE

Feather is the first company to develop disposable microtome blades in the world.

In combination with our ultra-precision triple-sharpening technology and special edge coatings, our finest microtome blades offer the best cutting performance for sectioning of pathological specimen blocks.

			Package	Type of Microtome	
		<b>S35</b> Standard blade with superior sectioning quality from the beginning. For thin sectioning of paraffin embedded tissue blocks.	50 blades	Sliding / Rotary	
		<b>R35</b> Especially suited for Ribbon sectioning. Double Sputtering increases blade edge strength and durability. For thin sectioning of paraffin embedded tissue blocks.	50 blades	Sliding / Rotary	
		<b>A35</b> Durable blade for routine sectioning. For thin sectioning of paraffin embedded tissue blocks.	50 blades	Sliding / Rotary	
		<b>N35</b> Especially suited for hard tissues. For thin sectioning of paraffin embedded tissue blocks.	50 blades	Sliding / Rotary	
		<b>N35HR</b> Especially recommended for research laboratories. For thin sectioning of paraffin embedded tissue blocks.	50 blades	Sliding / Rotary	
		<b>S22</b> For extra thin sectioning of paraffin embedded tissue blocks. Especially recommended for research laboratories.	50 blades	Sliding / Rotary	
		<b>A22</b> For extra thin sectioning of paraffin embedded tissue blocks. Especially suited for fibrous tissues and biopsies.	50 blades	Sliding / Rotary	
		<b>FHP-01</b> Especially suited for Ribbon sectioning. For thin sectioning of paraffin embedded tissue blocks.	50 blades	Sliding / Rotary	
		<b>FHP-02</b> Durable blade for routine sectioning. Metal surface hardening treatment offers superior blade life. For thin sectioning of paraffin embedded tissue blocks.	50 blades	Sliding / Rotary	
		<b>C35</b> Carbon steel blade for cryostat sectioning. Less curling of sections for easy operation. For thin sectioning of frozen tissue blocks.	20 blades	Cryostat	
Large block		<b>S35L</b> 120mm long blade with superior sectioning quality from the beginning. For thin sectioning of large tissue blocks.	20 blades	Sliding	
		<b>S35LL</b> 180mm long blade with superior sectioning quality from the beginning. For thin sectioning of extra-large tissue blocks.	20 blades	Sliding	

**Triple-sharpening increases blade durability.**



Material	Thickness	Dimension L x W	Edge Finish		Soft tissue	Hard tissue	Thin sectioning	Ribbon sectioning	Cryostat
Stainless Steel	0.254 mm	80 x 8 mm Edge Angle 35°	Resin Coating Platinum sputtering		◎		○		○
Stainless Steel	0.254 mm	80 x 8 mm Edge Angle 35°	Resin Coating Platinum sputtering		○	◎		◎	
Stainless Steel	0.254 mm	80 x 8 mm Edge Angle 35°	Resin Coating Platinum sputtering		○	◎		○	○
Stainless Steel	0.254 mm	80 x 8 mm Edge Angle 35°	Resin Coating Platinum sputtering		○	◎		○	
Stainless Steel	0.254 mm	80 x 8 mm Edge Angle 35°	Resin Coating Platinum sputtering			◎		○	
Stainless Steel	0.254 mm	80 x 8 mm Edge Angle 22°	Resin Coating Platinum sputtering		◎		◎		
Stainless Steel	0.254 mm	80 x 8 mm Edge Angle 22°	Resin Coating Platinum sputtering		◎		◎	○	
Stainless Steel	0.31 mm	75.7 x 14 mm Edge Angle 35°	Resin Coating Platinum sputtering		◎	○		◎	○
Stainless Steel	0.31 mm	75.7 x 14 mm Edge Angle 35°	Resin Coating Platinum sputtering		○	◎		○	○
Carbon Steel	0.245 mm	80 x 8 mm Edge Angle 35°							◎
Stainless Steel	0.254 mm	120 x 8 mm Edge Angle 35°	Resin Coating Platinum sputtering		◎				
Stainless Steel	0.254 mm	180 x 8 mm Edge Angle 35°	Resin Coating Platinum sputtering		◎				

Actual size

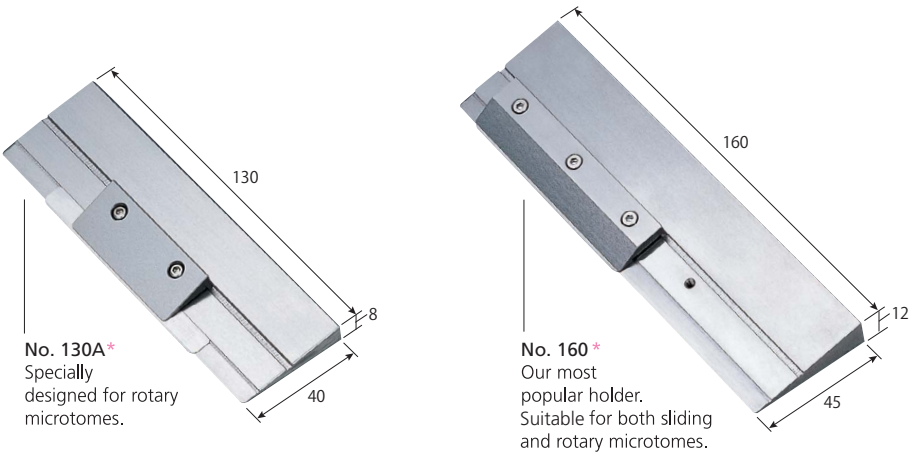
◎=BEST

○=GOOD

Standard type

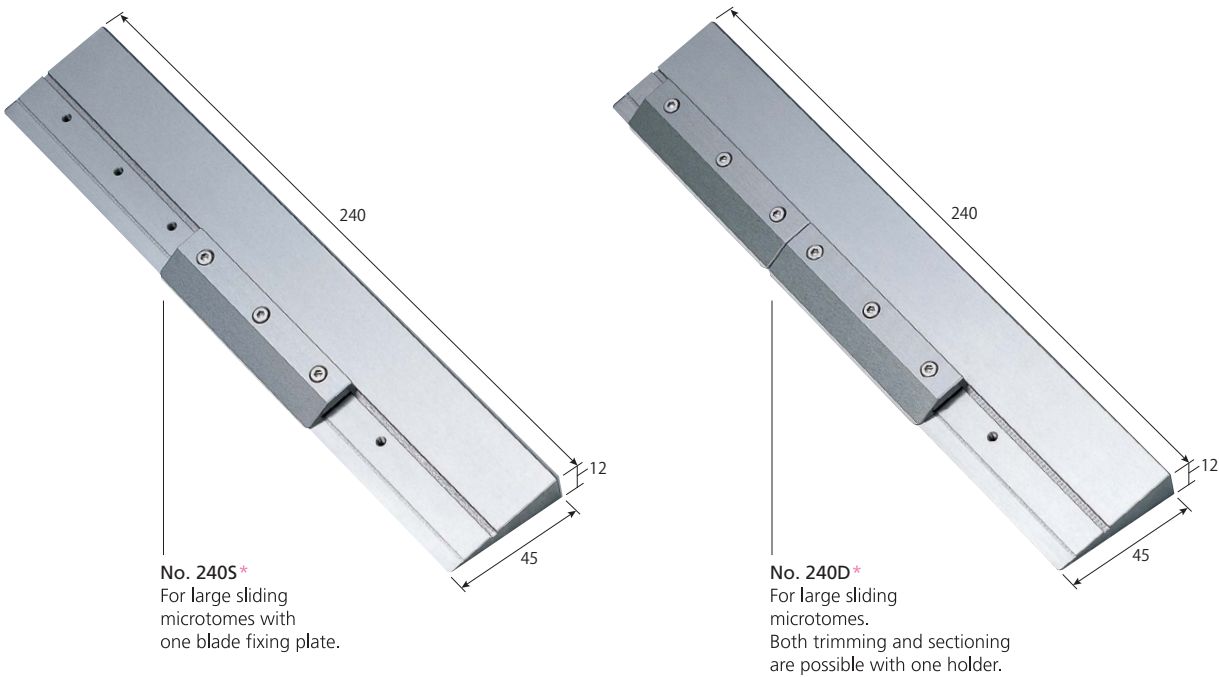
Our Standard Microtome Holders have earned excellent reputation in universities, hospitals and laboratories globally for fine operational ease and performance.

Unit: mm



Note: \*Indicates models provided with Microtome blade S35

		No. 130A	No. 160
Body unit L x W x H (mm)		130 x 40 x 8	160 x 45 x 12
Blade fixing plate L x W x H (mm)		50 x 20 x 7.6	80 x 20 x 5.8
Weight (g)		184	375
Material	Body unit	SKD-11	SKD-11
	Hexagonal screws	Stainless steel	Stainless steel
Finish	Body unit	Ultra-precision ground finish	Ultra-precision ground finish
	Plastic box	1	1
Accessories	Hexagonal screwdriver	1	1
	Spare hexagonal screws	2	3
	Microtome blade S35	1	1



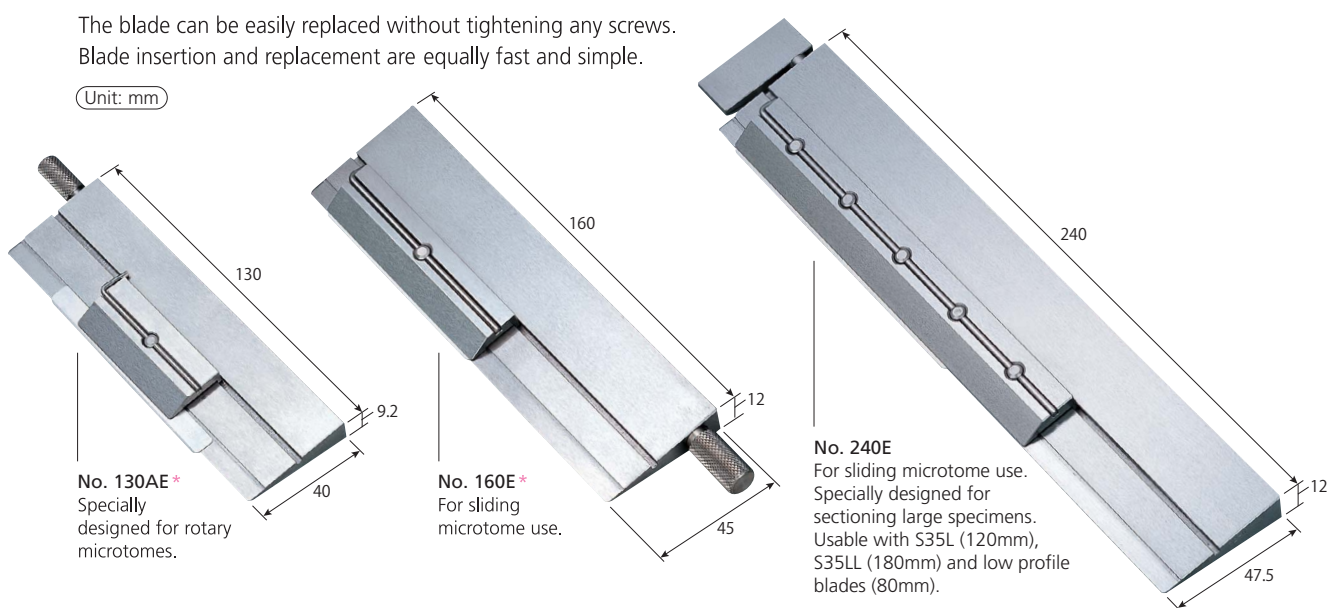
Note: \*Indicates models provided with Microtome blade S35

		No. 240S	No. 240D
Body unit L x W x H (mm)		240 x 45 x 12	240 x 45 x 12
Blade fixing plate L x W x H (mm)		80 x 20 x 5.8	80 x 20 x 5.8
Weight (g)		545	586
Material	Body unit	SKD-11	SKD-11
	Hexagonal screws	Stainless steel	Stainless steel
Finish	Body unit	Ultra-precision ground finish	Ultra-precision ground finish
	Plastic box	1	1
Accessories	Hexagonal screwdriver	1	1
	Spare hexagonal screws	3	6
	Microtome Blade S35	1	1

## One-touch type

The blade can be easily replaced without tightening any screws.  
Blade insertion and replacement are equally fast and simple.

Unit: mm



**No. 130AE\***  
Specially designed for rotary microtomes.

**No. 160E\***  
For sliding microtome use.

**No. 240E**  
For sliding microtome use.  
Specially designed for sectioning large specimens.  
Usable with S35L (120mm), S35LL (180mm) and low profile blades (80mm).

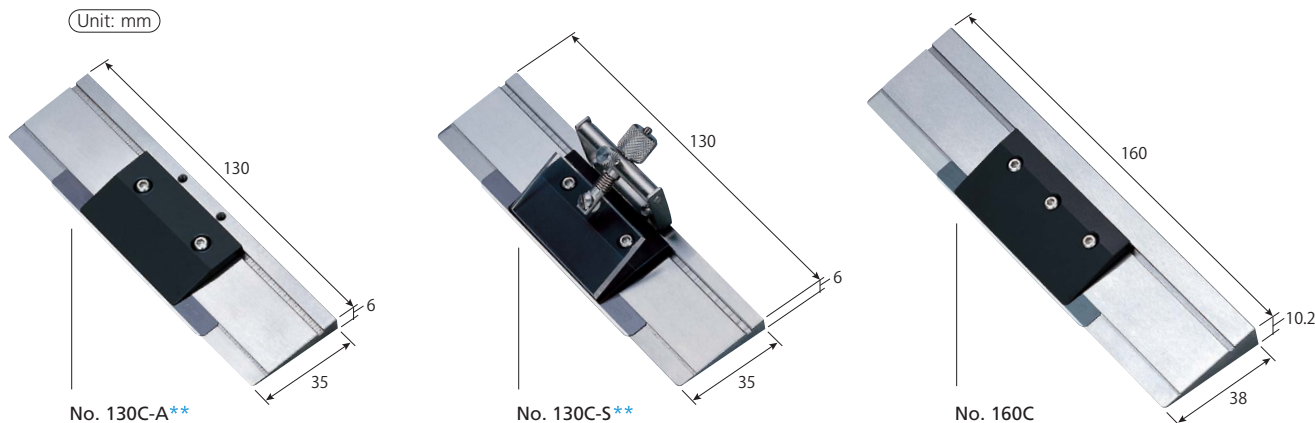
Note: \*Indicates models provided with Microtome blade S35

		No. 130AE	No. 160E	No. 240E
Body unit L x W x H (mm)		130 x 40 x 9.2	160 x 45 x 12	240 x 47.5 x 12.0
Blade fixing plate L x W x H (mm)		50 x 22 x 6	80 x 20 x 7.2	160 x 22 x 7.5
Knob length x diameter W (mm)		20 x 8Φ	22 x 10Φ	38 x 17
Weight (g)		216	383	680
Material	Body unit	SKD-11	SKD-11	SKD-11
	Knob parts	Stainless steel	Stainless steel	Stainless steel
Finish	Body unit	Ultra-precision ground finish	Ultra-precision ground finish	Ultra-precision ground finish
Accessories	Plastic box	1	1	1
	Fixing plate bolt	1	1	1
	Spare spring	4	4	3
	L-shape wrench (for adjustment)	1	1	1
Microtome blade S35		1	1	1

## For cryostat

These holders can be mounted on a variety of cryostat microtomes.

Unit: mm



**No. 130C-A\*\***  
Our most popular model for cryo-sectioning.

**No. 130C-S\*\***  
No. 130C-A model with Anti-Roll Device.

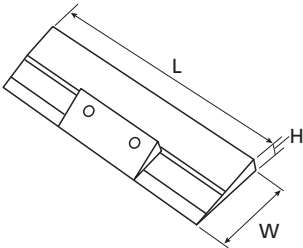
**No. 160C**  
Our long model for cryo-sectioning.  
Not compatible with Anti-Roll Device.

Note: \*\*Indicates models provided with Microtome blade C35

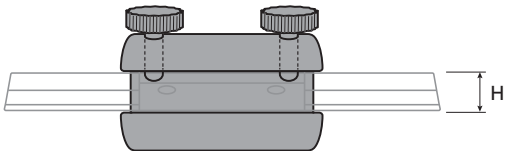
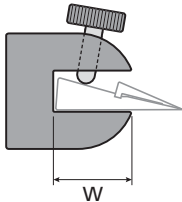
		No. 130C-A	No. 130C-S	No. 160C
Body unit L x W x H (mm)		130 x 35 x 6	130 x 35 x 6	160 x 38 x 10.2
Blade fixing plate L x W x H (mm)		50 x 29 x 4.8	50 x 29 x 4.8	60 x 29 x 4.8
Weight (g)		128	153	280
Material	Body unit	SKD-11	SKD-11	SKD-11
	Hexagonal screws	Stainless steel	Stainless steel	Stainless steel
Finish	Body unit	Ultra-precision ground finish	Ultra-precision ground finish	Ultra-precision ground finish
Accessories	Fixing plate	Teflon coat	Teflon coat	Teflon coat
	Plastic box	1	1	1
	Hexagonal screwdriver	1	1	1
	Spare hexagonal screws	2	2	3
Microtome blade C35		1	1	1

Instruction on finding a suitable microtome blade holder

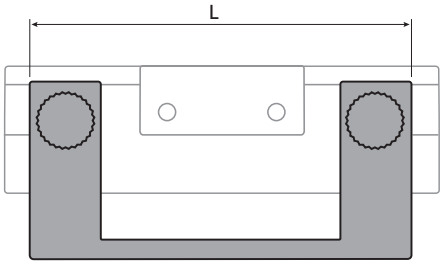
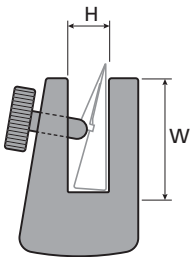
Please check the dimensions L x W x H of your knife clamp and Feather microtome blade holder as indicated.



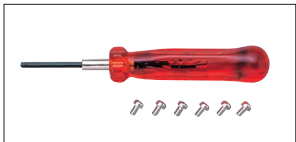
Sliding microtome



Rotary microtome / Cryostat microtome



Separately available parts and accessories



Screw Set A for  
No. 160 / 240S / 240D  
Screw Set B for  
No. 130A

Includes:  
Hexagonal Screws \_\_\_\_\_ 6  
Hexagonal Screwdriver \_\_\_\_\_ 1

Screw Set  
No. 130C-A / 130C-S / 160C

Includes:  
Hexagonal Screws \_\_\_\_\_ 6  
Hexagonal Screwdriver \_\_\_\_\_ 1



Anti-Roll Device Set

Includes:  
Anti-Roll Device \_\_\_\_\_ 1  
Fixing Screws \_\_\_\_\_ 2  
Spare Plastic Plate \_\_\_\_\_ 1  
L-Shape Wrench \_\_\_\_\_ 1



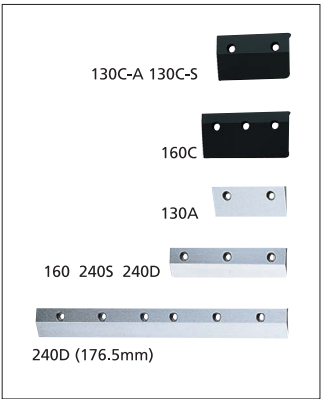
Anti-Roll Plastic Plates

Includes:  
Anti-Roll Plastic Plates \_\_\_\_\_ 2

Other parts are also available.



Screws and Joint-balls



Fixing Plates

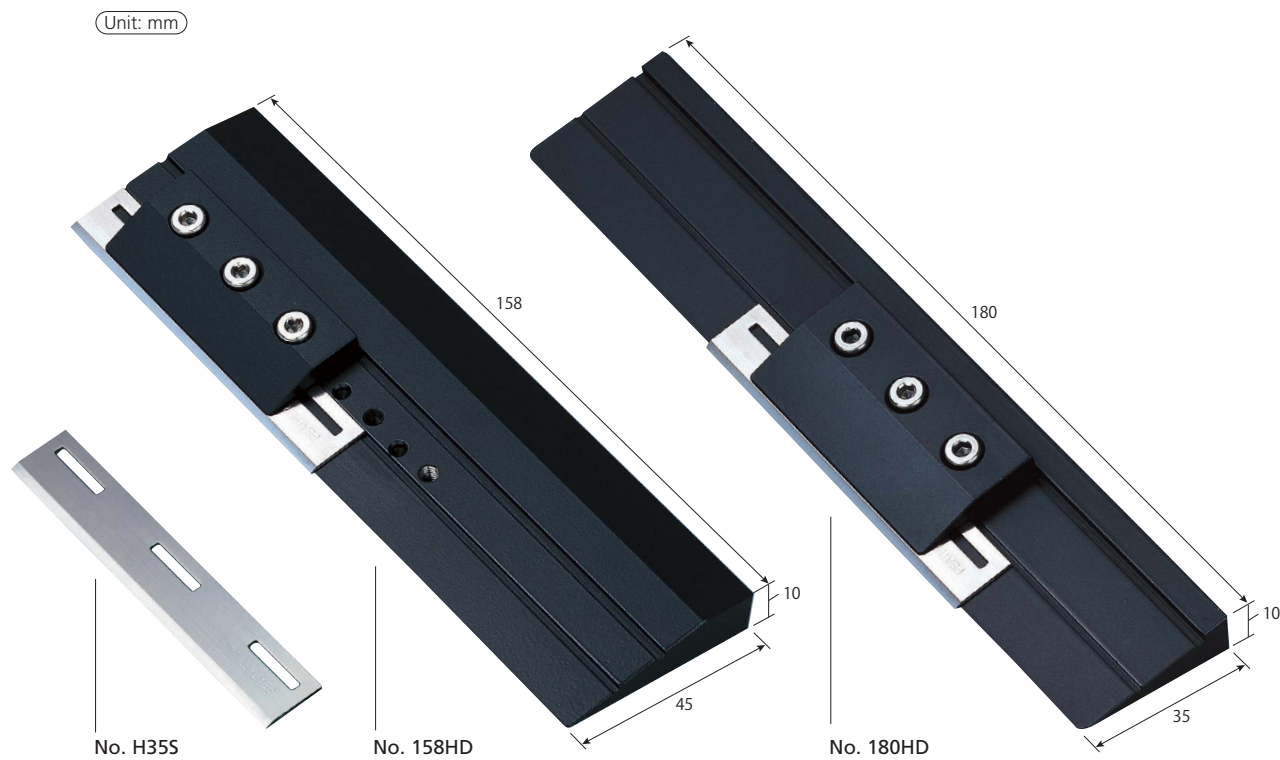


For resin block thin-sectioning (optical microscopy)

Plastic resin samples for light microscope studies have recently been used in addition to conventional paraffin samples within the medical/biological fields. The advantage of plastic embedding lies in its lower distortion and faithful preservation of tissue structure when compared to sections cut from paraffin blocks. Conventional sectioning of plastic blocks for microscopy uses a super hard, tungsten carbide knife or a Ralph knife. FEATHER H35S Disposable Microtome Blade and 158HD/180HD dedicated blade holders (for sectioning of resin blocks) are cost effective and efficient.

Premier FEATHER Microtome Blade technology has developed a durable, ultra-sharp edge capable of thin-sectioning in units of one micron, far superior in both sectioning ability and durability.

Disposable blade design improves efficiency by eliminating blade edge grinding.



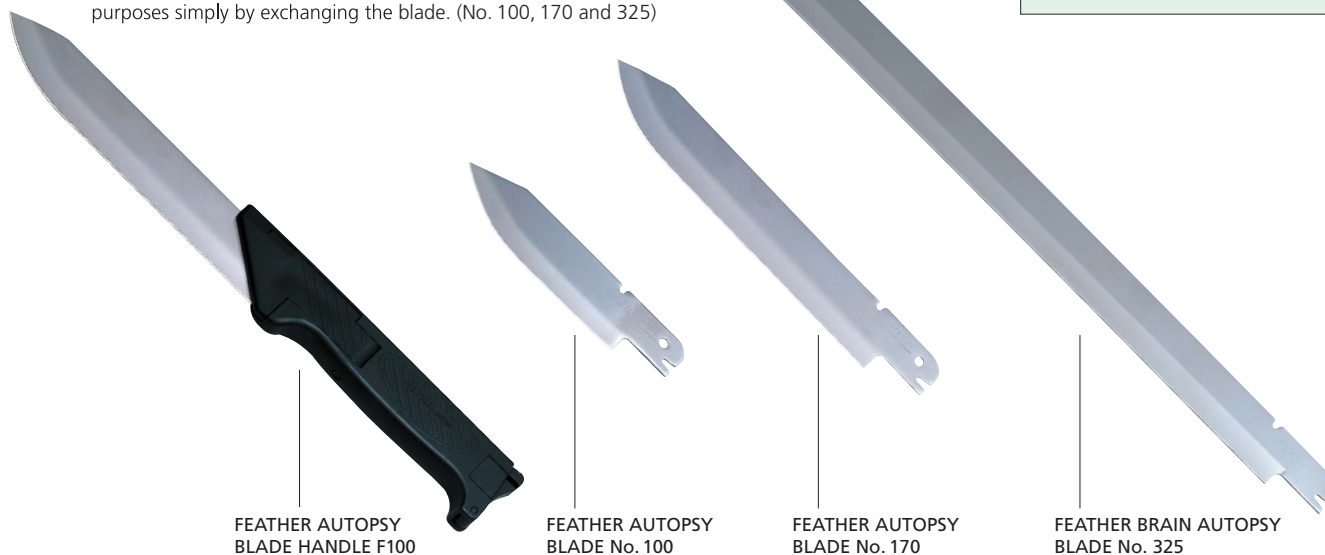
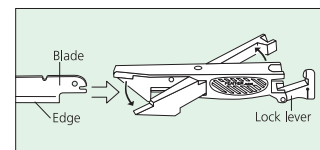
Specifications	Material	No. H35S	
	Length (mm)	SKH-55	
	Edge angle	80	
	Thickness (mm)	35°	
	Width (mm)	0.8	
	Packaging	14	
		10 Blades / Box	
		No. 158HD	No. 180HD
		SKD-11	SKD-11
		158	180
		10	10
		45	35
		1 Holder / Pkg.	1 Holder / Pkg.
		Adaptable sliding microtome	Sliding microtome / Rotary microtome (LBK Histo-range, Multi-range, etc.)
		Adaptable rotary microtome	(Reichert-Jung 2045, 2025, Microm 340, 350, Anglia AS500, etc.)

Note:  
The H35S is for sectioning blocks of Glycol Methacrylate (GMA), not suitable for Methyl Methacrylate (MMA).

## FEATHER AUTOPSY BLADES and HANDLE

### Main Features:

- \*The handle is autoclavable and features excellent chemical resistance. It can be easily disassembled for cleaning.
- \*Superior sharpness and cutting performance compared to conventional knives.
- \*Handle F100 can be used for brain dissection and other purposes simply by exchanging the blade. (No. 100, 170 and 325)

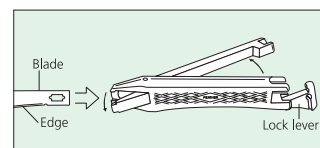


		Autopsy blade handle F100	Autopsy blade No. 100	Autopsy blade No. 170	Brain blade No. 325
Dimension	Overall (mm)	160 (L) x 18 (W)	222	292	450
	Blade (mm)	---	100	170	325
	Blade thickness	---	1.2	1.2	1.2
	Material	Special resin	Special stainless steel	Special stainless steel	Special stainless steel
	Packaging	1 pc. per box	5 blades per box	5 blades per box	5 blades per box

## FEATHER DISSECTING BLADES and HANDLE

### Main features:

- \*A special heavy-duty blade was developed for this dissecting knife.
- \*The extra-thick stainless steel blade provides high rigidity and extra-long life.
- \*The autoclavable handle F60 is designed for easy blade replacement and cleaning.

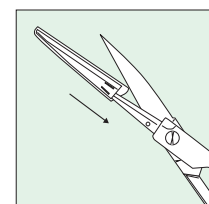


		Dissecting blade handle F60	Dissecting blade No. 61, 62
Dimension	Overall (mm)	145	200
	Blade (mm)	---	77
	Blade thickness (mm)	---	0.6
	Material	Special resin	Special stainless steel
	Packaging	1 pc. per box	100 blades per box

## FEATHER REPLACEABLE BLADE SCISSORS and BLADES

### Main Features:

- \*The same handle can be used for 3 different blade types - sharp / sharp, sharp / blunt and blunt / blunt.
- \*The revolutionary disposable blade design eliminates the cost and trouble of sharpening.
- \*A special stainless steel is used for both blades and handle.



### FEATHER BLADES FOR REPLACEABLE BLADE SCISSORS

		Scissor handle	Blade [sharp / sharp], [sharp / blunt], [blunt / blunt]
Dimension	Overall (mm)	132	145
	Blade (mm)	---	48
	Material	Stainless steel	Stainless steel
	Packaging	1 pair per box	5 pairs per box



## FEATHER TRIMMING KNIFE BLADES and HANDLES

### Main Features:

- \*The handles are autoclavable. (except F-80mini & F-80HL)
- \*An ideal trimming knife, with a sharp edge, for cutting tissue without causing deformation.
- \*The securely-fitted blade can be easily attached and removed.

Exclusive for Feather Microtome Blades.



Also usable with High-Profile blade.

FEATHER TRIMMING KNIFE HANDLE F-80HL

FEATHER TRIMMING KNIFE HANDLE F-80 mini

FEATHER TRIMMING KNIFE HANDLE F-80WP

FEATHER TRIMMING BLADE No. 130

FEATHER TRIMMING KNIFE HANDLE F-130WP

FEATHER TRIMMING BLADE No. 260

FEATHER TRIMMING KNIFE HANDLE F-260WP

	Handle F-80HL	Handle F-80 mini	Handle F-80WP	Handle F-130WP	Handle F-260WP
Length (mm)	64.5	80	217	260	390
Material	Plastic	Plastic	Wood Plastic Composite (WPC)	Wood Plastic Composite (WPC)	Wood Plastic Composite (WPC)
Packaging	5 pcs. per box	10 pcs. per box	1pc. per box	1pc. per box	1pc. per box

Dimension	Blade No. 130		Blade No. 260	
	Overall (mm)	275	405	
	Blade (mm)	130	260	
	Blade thickness (mm)	0.245	0.245	
	Material	Carbon steel	Carbon steel	
	Packaging	50 blades per box	50 blades per box	

## FEATHER SAFETY TRIMMING KNIFE BLADES and HANDLES

### Main Features:

- \*Blades with back metal can be attached/detached without directly touching the blades.
- \*Plastic case covering the blades ensures a safe blade disposal.
- \*Handle F-1326WP is autoclavable.



FEATHER SAFETY TRIMMING KNIFE BLADE No. M130RC

FEATHER SAFETY TRIMMING KNIFE BLADE No. M260RC

FEATHER SAFETY TRIMMING KNIFE BLADE HANDLE F-1326WP

		Blade No. M130RC	Blade No. M260RC
Length (mm)		290	420
Material		Carbon steel	Carbon steel
Packaging		10 blades per box	10 blades per box

		Blade No. M130RC	Blade No. M260RC
Length (mm)		290	420
Material		Carbon steel	Carbon steel
Packaging		10 blades per box	10 blades per box



**FEATHER SAFETY RAZOR CO., LTD.**  
**OVERSEAS TRADE DIVISION**

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ISO 13485 Certified