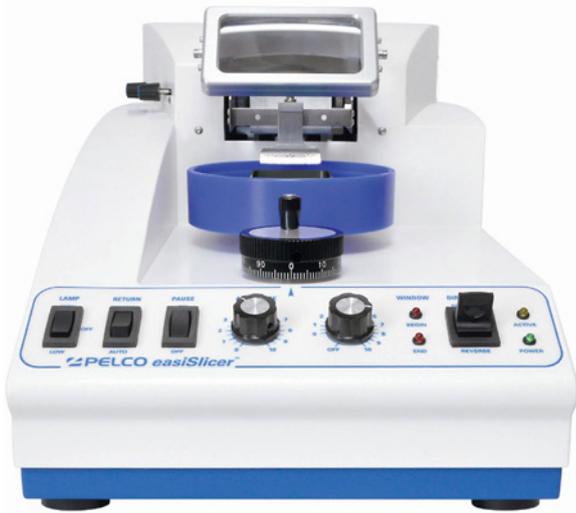


# Pelco EasiSlicer – the new standard in tissue slicing



## Vibratory slicing

The PELCO easiSlicer™ introduces the new standard in vibratory slicing. It combines ease of operation, precise engineering and affordable pricing in a high quality instrument. The PELCO easiSlicer™ uses rigid construction and advanced engineering technologies to essentially eliminate backlash resulting in minimal z-axis vibration normally associated with more expensive vibratory slicers. All operational controls are located on the front of the instrument, clearly labeled and sealed against moisture. The specimen tray is held securely in the polypropylene bath by a set of strong magnets. The bath is attached from the side with a unique spring-loaded base that locks onto the PELCO easiSlicer™ by simple pressure. The integrated bath and tray design allows them to move as a unit for sectioning thickness or height adjustment. The bath and tray can be easily separated for simple and fast clean-up, eliminating the risk of leaks and a cumbersome drain or hose.

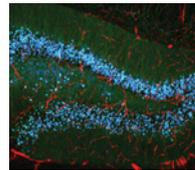
The amplitude and speed controls are conveniently mounted in the center of the control panel for ease of operation. The sturdy, removable blade holder is offered in 3 angles: fifteen, eighteen and twenty-one degrees to provide choice for each individual application. This eliminates the need to calibrate the blade angle. The specialized design of the blade holder provides a secure and rigid grasp of the cutting blade. This stability of design removes the weakening or bending of parts as seen in a spring clamp design. Feather® Blades are recommended but the blade holder will accommodate other types of blades. The Sectioning Window Controls guide the user for precise cutting window control with indicator lights on the control panel to maintain consistency of placement.

The Magnifier and Light Assembly offers bright white LED lighting (no risk of high temperatures) with high or low settings, depending on the user's need. The Magnifier can be moved out of the viewing path, if desired. The entire assembly operates smoothly on metal slides.

## Features and benefits

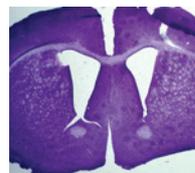
- Precision design for accurate, high quality sections with minimal z-axis vibration
- Novel bath design utilizes unique easy-locking base making it simple to clean
- Optional magnetic base for tissue mounts available
- Cuts sections to 40 microns
- Anodized specimen tray magnetically locks onto bath
- LED lights indicate active vibratory status and cutting window boundaries
- Removable blade holder securely holds Feather® blades at a 15° preset angle
- Fully assembled, ready to use
- Affordable pricing
- Universal power supply 100-240 V, 50/60 Hz

The large Section Thickness Knob is centrally located in the work area. The knob is labeled in microns and has a perceptible detent every 5 microns. One complete revolution of the knob is 100 microns. The entire bath and tray assembly is raised and lowered by this Section Thickness Knob. The PELCO easiSlicer™ has a Return Switch that provides the user with an option for Auto Return after each slice. In the Manual Return mode, the cutting will cease once the end of the section window has been reached. This allows the retraction of the specimen before the return of the blade in order to prevent damage to the specimen. The PELCO easiSlicer™ comes equipped with tools and supplies to start cutting quality, consistent sections, right out of the box.



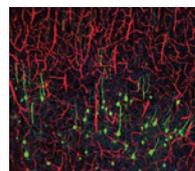
## Affordable quality

A fresh approach to traditional standards, the PELCO easiSlicer™ brings precision vibratory slicing to labs of all sizes.



## Consistent reliability

Solid construction and exceptional stability provides exacting control of section thickness with minimal z-axis vibration and consistently produces high quality sections.



## Simple versatility

Simple, effective design makes the PELCO easiSlicer™ perfect for multi-user and multi-application labs.

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Novel bath design utilizes unique easy-locking base for secure and simple attachment; no risk of fluid leaking into the instrument.



Magnifier/LED light assembly avoids risk of high temperature, offers 2X magnification and convenient, smooth operation.



Easily visible control panel LED lights indicate active vibratory status, an exclusive safety feature, and cutting window boundaries.



Removable blade holder with innovative tooling for secure and rigid hold of Feather® blades at 15° angle.

Technical specifications	
Maximum specimen size	40 x 40 mm
Maximum specimen height	15 mm
Specimen bath	Spring-loaded; HDMW Polyethylene
Specimen tray	Rectangular with magnet release
Blade type	Feather® blades recommended
Blade angle	15° Standard; 18°, 21° available
Sectioning window	10 - 40 mm
Specimen height adjustment (z-axis)	15mm total travel in 1µm increments; tactile click stops at 5µm
Cutting arm speed (y-axis)	Forward: 0 - 2.0 mm/sec; Reverse: 5mm/sec; Travel: 40 mm total
Vibratory amplitude (x-axis)	0 – 1.00 mm total; continuously adjustable
Cutting arm frequency	50 - 60 Hz fixed
Magnification	2X magnifier
Illumination	LED Illumination; LOW/OFF/HIGH
Dimensions	535 x 300 x 290 mm
Weight	16.8 kg
Utility requirements	100 – 240 V; 50/60 Hz; 345 VA

PELCO easiSlicer™ Ordering Information	
11000	PELCO easiSlicer™ Vibratory Tissue Slicer
Included accessories:	1 Specimen Retriever (101-33); 1 Box of 10 Feather® Blades (121-9); 1 Bottle PELCO® Pro CA44 Tissue Adhesive, 20 ml (10033); 1 PELCO easiSlicer™ Dust Cover (11060); 1 PELCO easiSlicer™ Blade Safe (121-25); 1 Hex Driver for Blade Holder (11052), 1 PELCO easiSlicer™ Blade Holder Rest (11055)

PELCO easiSlicer™ Accessories	
11010	Bath
11012	Magnetic base for tray.
11020	Black anodized tray
11022	Blue anodized tray
11031	Tissue mount, 25 mm, pkg/5
11032	Tissue mount, 32 mm, pkg/5
11033	Tissue mount, 38 mm, pkg/5
11034	Tissue mount, 50 mm, pkg/5
11050-15	Blade holder 15°
11050-18	Blade holder 18°
11050-21	Blade holder 21°
11052	Hex driver for blade holder
11055	Blade holder rest
11060	Dust cover
121-25	Blade safe

Related products	
121-9	Feather® Double edge cutting blades, box/10
121-25	Blade safe
10033	Pro CA44 tissue adhesive, 20 ml
101-33	Pro specimen retrievers



Optional base for tissue mounts magnetically locks into bath in place of specimen tray.