

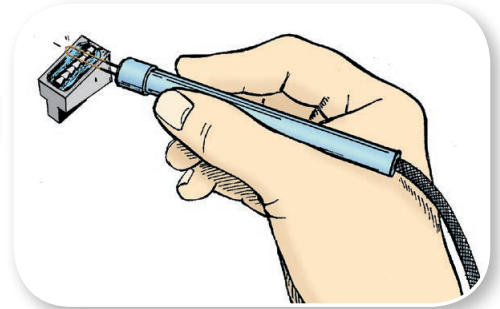
# PELCO® HP1 HEAT PEN

FOR PRODUCT DETAILS AND COMPLETE SELECTIONS  
[www.tedpella.com](http://www.tedpella.com)

*A tool for the ultramicrotomy area; Use the colored bar indicator to return to previous settings.*

The PELCO® HP1 Heat Pen is a useful tool for flattening thin sections cut by an ultramicrotome. Passing the heated filament over the sections, while still in the knife boat, will flatten them. Variable temperature setting for optimum effectiveness.

The PELCO® HP1 Heat Pen has a nichrome element that becomes incandescent during use. A red hot tip, like our Heat Pen has, gives off a large amount of radiant heat. This results in more efficient heating of the sample at a safer distance. A hot tip that is not glowing red like found in battery operated versions would have to be brought close enough to the sample to heat it by air convection/conduction which would take longer and put the sample at risk. This method replaces the solvent vapor method which is harmful to the operator and gives less reproducible results.



### Advantages of the PELCO® HP1 Heat Pen

- Variable element power (heat)
- Quick response time of element temperature when setting is changed
- Level of heat is visually indicated by a 10 color LED bar
- Lightweight, easily manipulated heating element wand
- User selectable voltage



173-3	PELCO® HP1 Heat Pen, 115/220VAC, 40W, 50/60Hz.....	each
173-8	PELCO® Filament Replacement .....	each

*Stratton CJ, Bayguinov Y, Sanders KM, Ward SM, 2000: Ultrastructural analysis of the transdifferentiation of smooth muscle to skeletal muscle in the murine esophagus, Cell Tissue Res, 301, 283-298, (Materials and Methods).*

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[www.tedpella.com](http://www.tedpella.com)   [sales@tedpella.com](mailto:sales@tedpella.com)   800-237-3526