

## P-1000 NEXT GENERATION MICROPIPETTE PULLER



Developed through years of experience with the Flaming-Brown style micropipette pullers, and infused with leading-edge technology, Sutter is proud to introduce the **P-1000** micropipette puller. The most obvious new feature is the color touch-screen display that provides an intuitive and full featured interface.

The extensive library of programs found in the popular Sutter Pipette Cookbook has been incorporated into the **P-1000** puller and are available to the user. You need only specify the glass, filament, and type of pipette you require, and a suitable program is identified and available for installation. This takes the guesswork out of pipette pulling and simplifies programming.

Copy and Paste functions assure that programs can be easily written and the line repeat mode simplifies multi-line programming. A safe heat mode is an additional feature that helps the user avoid using heat settings that might damage or burn out the filament. When the safe heat mode is turned on, the puller will “check” the installed heat and alert the user when a given heat value is too low or too high in relation to the ramp value. User notes can be added to each program for annotating important information.

New features for the **P-1000** include: diagnostic testing of all puller components, built-in error detection of air pressure loss or filament burnout, easy access to ramp test, measurement of jaw temperature, and access

to previous pull results with the heat-on times for each cycle of the program. Help topics are preloaded to assist with on-site troubleshooting, and the built-in glossary

includes text, pictures, and diagrams explaining the terms used in micropipette fabrication. A rotary dial is offered as an alternative to the touch pad for numerical entry.

## FEATURES

### > P-1000

Color touch screen display	Record of last two pull results
Safe heat mode to protect and extend filament life	Ramp test more easily accessed and can now be stored and referenced within each program. Helps to establish program heat settings and protect filament.
Pipette Cookbook program directory	Two symmetrical pipettes with each pull
Line repeat mode simplifies multi-line programming	Self-contained air supply with filtration system and humidity control chamber
Help topics and error detection	Memory storage for up to 100 programs
Glossary defines micropipette and puller terminology	Two cooling modes: time and delay
Copy & paste function for writing new programs	
Jaw temperature sensor helps define ideal pulling conditions	

## SPECIFICATIONS

### > P-1000

#### Dimensions

21in x 14in x 12in  
53cm x 36cm x 30cm

#### Weight

41lbs  
18.59kg

#### Electrical

115/230 Volts  
50/60 Hertz power line

RoHS Compliant 

**P-1000** Flaming/Brown type micropipette puller, manual, hard copy of Sutter Pipette Cookbook.

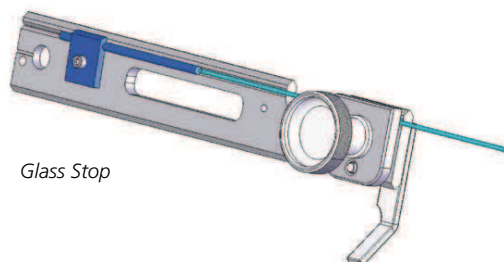
*Each puller comes with an assortment of 4 filaments and a sample box of BF100-50-10, BF150-110-10, and BF150-86-10 glass. Sutter pre-programs the **P-1000** with a 2.5 x 2.5mm box filament (FB255B) unless an alternative filament is requested.*

#### ACCESSORIES

- FPS** Fire polishing spacer for P-1000 pullers
- GS<sup>1</sup>** Glass stop
- CTS** Ceramic tile for scoring glass (large tips 20-200 microns)
- BX10** Pipette storage box\* (holds 10)  
4 3/4 x 3 5/8 x 3/4 inches
- BX20** Pipette storage box\* (holds 20)  
7 x 3 5/8 x 3/4 inches

\* Minimum order of any 2 boxes

<sup>1</sup> Installs on either puller bar.



Glass Stop