

To PULL 1.0 mm OD GLASS:

TILT MICROMETER ← 737

FOR 1.5 mm OD GLASS:

TILT MICROMETER ← 727

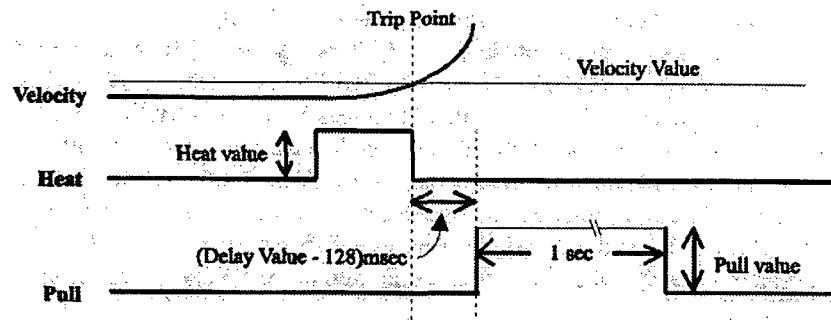
Laser Puller Programs

Hints for pulling:

- Avoid programs that require the glass to be drawn down to a very small diameter before the start of the last pull.
- Use thick-walled glass when practical, as it is much more tolerant of uneven heating.
- When using thin-walled glass for patch pipettes try to stick to two line programs. Use a low HEAT, particularly in the first line.
- Expect that changing the outside diameter of thin-walled tubing will have strong effects on the quality of patch pipettes produced.
- For quartz, decreasing HEAT and lengthening DELAY will reduce thinning of the tubing near the tip by making the heating more uniform.

Press <CLR> and then <0> to access software control functions:

Function #	Function Name	Description
1	Ramp Test	Run the Ramp Test
2	Write-Protect	Set write-protection: W = OFF, WP = ON
3	Reset Time and Date	Set the clock
4	Memory Test	Test the integrity of the RAM
5	Copy a Program	Make a copy of a program



FILAMENT#	Scan Length (mm)
0	1
1	1.5
2	1.9
3	4.5
4	6.5
5	8

Approx Heat Range

borosilicate	aluminosilicate	quartz
250-500	375-600	550-950

