



## PC-100 Puller

### Versatile and easy-to-use puller by automated double pulling

PC-100 enables the user to produce many kinds of pipettes including pipettes with a tip of several 10 $\mu$ m to be used for the experiments in biotechnology, those with a tip of a few micrometers to be used for the experiments in electrophysiology, and even those with a tip in the region of 1 $\mu$ m. In terms of producing pipettes with a wide variety of shapes and tips, the function of Mode selector button allows to choose a pulling mode setting between one-stage and two-stage. Once the value has been determined, the specification of PC-100 allows the user to reproduce the same pipette as the last one. In addition, the PC-100 applies free fall by gravity as its pulling force (or descending by the action of a weight), thus it is provided with two types of weights; a light type and a heavy type, two pieces each that is attach/detachable respectively in order to adjust the pulling force. The PC-100 enables you to pull various kinds of pipettes by all those settings of output voltage, pulling mode between one-stage and two-stage, and pulling force adjusted by weights.



\* The PC-100 is designed specifically for pulling  $\phi$ 1mm~1.5mm O.D. borosilicate glass capillaries. For pulling capillaries of different O.D. or different materials, contact us or your local Narishige representative.

## **Features (changes from PC-10)**

PC-100 is a compatible model with PC-10. The basic function remains the same. Operability is greatly improved.

- Simple and easy to use; set-up is easier than ever.
- Digital display clearly shows status and setting.
- Heating value can be adjusted as needs, even after the needle is placed in the heater coil.
- Acrylic cover closes securely.
- Elapsed time (from the "START" to end.) shows on display.
- The slider unit is protected from dust and debris.



# PC-100

## Puller

### Specification

<b>Accessories included</b>	Glass Capillary with Filament (ø1mm × 90mm) Spare Heater (Kanthal wire) AC Power cord
<b>Working voltage</b>	AC100V ~ AC240V, 50/60Hz
<b>Power consumption</b>	Approx. 70W
<b>Heating element</b>	Kanthal wire heater / 2.5V at maximum
<b>Weight</b>	Approx. 25g × 2 Approx. 100g × 2
<b>Dimensions/Weight</b>	W205 × D190 × H185mm, 3.45kg

### Consumables

Model	Product	Description
<b>PC-10H</b>	Heater	Wire heater (×5)
<b><u>GD-1</u></b>	Glass Capillary with Filament	Outer diameter ø1mm, 500pcs
<b><u>GD-1.2</u></b>	Glass Capillary with Filament	Outer diameter ø1.2mm, 500pcs
<b><u>GD-1.5</u></b>	Glass Capillary with Filament	Outer diameter ø1.5mm, 500pcs
<b><u>GDC-1</u></b>	Glass Capillary with Filament	Outer diameter ø1mm, 200pcs
<b><u>GDC-1.2</u></b>	Glass Capillary with Filament	Outer diameter ø1.2mm, 200pcs
<b><u>GDC-1.5</u></b>	Glass Capillary with Filament	Outer diameter ø1.5mm, 200pcs
<b><u>G-1</u></b>	Glass Capillary	Outer diameter ø1mm, 500pcs
<b><u>G-1.2</u></b>	Glass Capillary	Outer diameter ø1.2mm, 500pcs
<b><u>G-1.5</u></b>	Glass Capillary	Outer diameter ø1.5mm, 500pcs
<b><u>GC-1</u></b>	Glass Capillary	Outer diameter ø1mm, 200pcs
<b><u>GC-1.2</u></b>	Glass Capillary	Outer diameter ø1.2mm, 200pcs
<b><u>GC-1.5</u></b>	Glass Capillary	Outer diameter ø1.5mm, 200pcs
<b><u>G-100</u></b>	Thin-walled Glass Capillary	Outer diameter ø1mm, 500pcs
<b><u>G-1000</u></b>	Glass Rod	Outer diameter ø1mm, 200pcs

Specifications are subject to change without notice.

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