

positive displacement micropipette

Acura[®] positive 841

Pipettes with PTFE tipped plunger provide for positive displacement of sample in a precision capillary tube. Optimal accuracy and reproducibility when pipetting high density, viscous, foaming or volatile liquids.

Five models cover a range from 1 to 200 µL.

Product advantages

- Step-wise volume adjustment
- Interchangeable plunger and glass capillary
- Matching colour codes on pipette, plunger and capillary
- Stainless steel, PTFE tipped plunger



Performance and ordering information - Instrument

Volumes µL	Inaccuracy (E%)			Imprecision (CV%)			Cat. No.
	Min. vol.	Mid. vol.	Max. vol.	Min. vol.	Mid. vol.	Max. vol.	
1-2-3-4-5	< +/- 3.0 %*	< +/- 2.3 %*	< +/- 2.0 %	< 2.5 %	< 2.0 %	< 1.2 %	841.005
5-10-15-20-25	< +/- 1.5 %	< +/- 1.2 %	< +/- 0.8 %	< 1.0 %	< 0.9 %	< 0.6 %	841.025
10-20-30-40-50	< +/- 1.2 %	< +/- 1.0 %	< +/- 0.7 %	< 0.8 %	< 0.7 %	< 0.4 %	841.050
60-75-80-90-100	< +/- 0.7 %	< +/- 0.7 %	< +/- 0.7 %	< 0.6 %	< 0.5 %	< 0.3 %	841.100
100-120-150-175-200	< +/- 0.7 %	< +/- 0.7 %	< +/- 0.7 %	< 0.3 %	< 0.3 %	< 0.3 %	841.200

* Remove liquid meniscus from capillary end after aspiration, otherwise inaccuracy may be as high as 12%.

Performance values obtained with bi-dist. water at constant temperature ($\pm 0.5^{\circ}\text{C}$) comprised between 20 and 25°C in accordance with ISO 8655.

Ordering information - Accessories

Spare glass capillaries

Colour code	Packaging	Cat. No.
White	200 / pack	341.005
2 x white	200 / pack	341.025
Green	200 / pack	341.050
Blue	200 / pack	341.100
Red	100 / pack	341.200

Spare plungers

Colour code	Packaging	Cat. No.
White	5 / pack	342.005
2 x white	5 / pack	342.025
Green	5 / pack	342.050
Blue	5 / pack	342.100
Red	5 / pack	342.200



Work station
For two pipettes
(Cat. No. 320.333)

For more information or for an overview of the complete Socorex product range, type www.socorex.com