

Neuros™ Syringes

Maximum Control, Minimum Damage

Hamilton Neuros syringe technology provides unprecedented functionality for controlled animal injections. An industry first, the Neuros accurately dispenses 50 nL to 100 µL of liquid through an ultrafine needle protected by a custom-designed sleeve. Developed specifically for the neurosciences, the Neuros minimizes injection site damage by increasing needle rigidity and delivering a microvolume of liquid to an exact location.

Flexible Options for a Variety of Uses

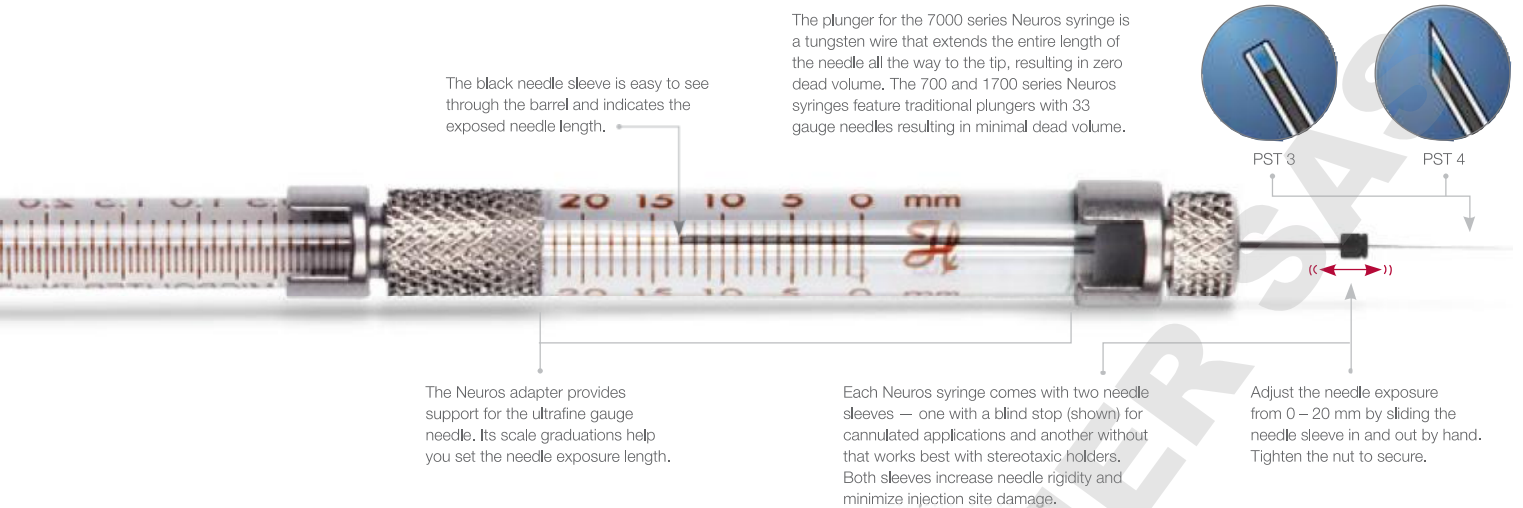
Neuros technology is offered on several models from the 700 Microliter™, 1700 Gastight®, and 7000 Modified Microliter series. These syringes are crafted to have very little to no dead volume which preserves the maximum amount of buffer and solution. Neuros syringes feature a blunt point (point style 3) or a beveled 12° point (point style 4); they also feature two different needle sleeves. The sleeve with a blind stop is perfect for cannulated applications and ensures targeted administration with an adjustable penetration depth. The version without a blind stop works best with stereotaxic holders. Both types provide an adjustable needle exposure of 0 to 20 mm.

Benefits of the Neuros Design:

- Needle rigidity improves insertion path accuracy
- Minimal tissue damage reduces injection variability
- Reduced sample loss saves money and materials
- Fine gauge needle creates smaller injection sites
- Compatibility with most infusion pumps and stereotaxic holders means an easy integration into existing processes



Neuros Syringes



Ordering Information

Part Number	Volume	Description	Gauge	Point	Syringe Type
65457-01	0.5 µL	Model 7000.5 KH Neuros Syringe	32	3	Modified Microliter
65457-02	0.5 µL	Model 7000.5 KH Neuros Syringe	32	4	Modified Microliter
65458-01	1.0 µL	Model 7001 KH Neuros Syringe	32	3	Modified Microliter
65458-02	1.0 µL	Model 7001 KH Neuros Syringe	32	4	Modified Microliter
65459-01	2.0 µL	Model 7002 KH Neuros Syringe	30	3	Modified Microliter
65459-02	2.0 µL	Model 7002 KH Neuros Syringe	30	4	Modified Microliter
65460-02	5.0 µL	Model 75 RN Neuros Syringe	33	3	Microliter
65460-03	5.0 µL	Model 75 RN Neuros Syringe	33	4	Microliter
65460-05	10 µL	Model 1701 RN Neuros Syringe	33	3	Gastight
65460-06	10 µL	Model 1701 RN Neuros Syringe	33	4	Gastight
65460-10	25 µL	Model 1702 RN Neuros Syringe	33	3	Gastight
65460-11	25 µL	Model 1702 RN Neuros Syringe	33	4	Gastight
65460-15	50 µL	Model 1705 RN Neuros Syringe	33	3	Gastight
65460-16	50 µL	Model 1705 RN Neuros Syringe	33	4	Gastight
65460-20	100 µL	Model 1710 RN Neuros Syringe	33	3	Gastight
65460-21	100 µL	Model 1710 RN Neuros Syringe	33	4	Gastight

For more detailed information on Neuros technology or to order, visit www.hamiltoncompany.com/neuros.

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