

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 μ L 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

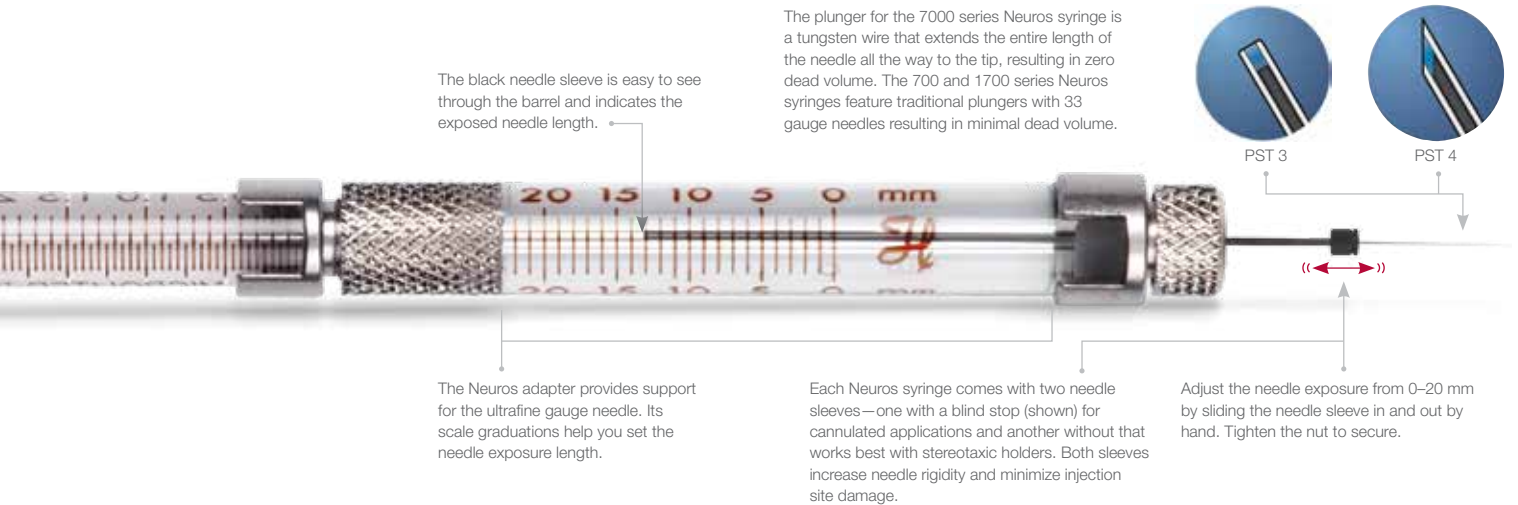
Neuros technology is offered on several models from the 700 Microliter[™], 1700 Gastight[®], and 7000 Modified Microliter series. These syringes are crafted to have very little to no dead volume which preserves the maximum amount of buffer and solution. Neuros syringes feature a blunt point (point style 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

Hamilton Part No.	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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