

NeurosTM Syringes



Maximum Control, Minimum Damage

Hamilton NeurosTM 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 MicroliterTM, 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) so the sample is delivered directly to the site; 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

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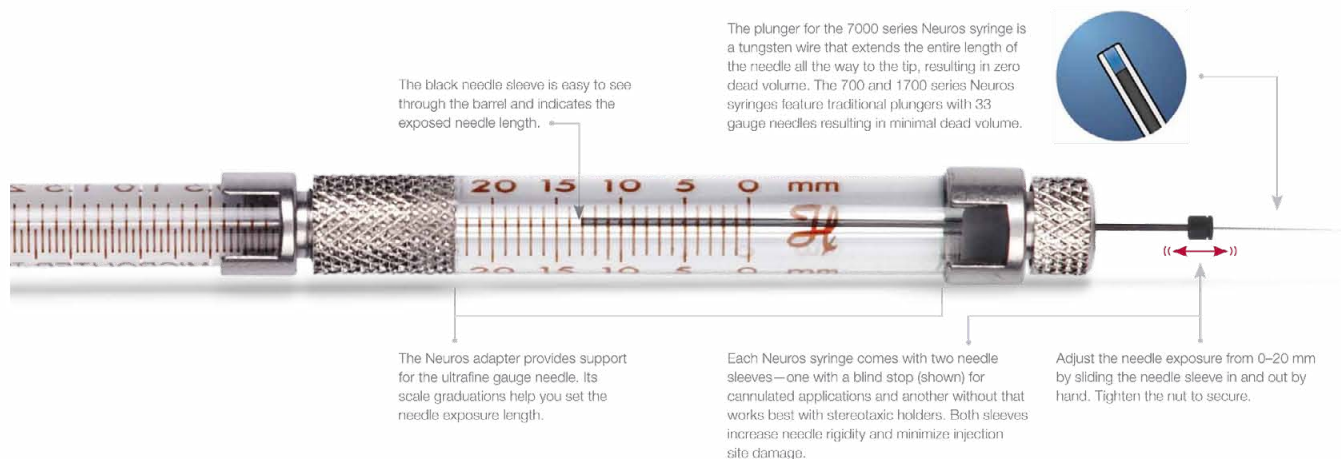
**CHROMATOGRAPHIC
SPECIALTIES INC.**

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Neuros™ Syringes



Ordering Information:

Hamilton Part No.	Volume	Description	Gauge	Syringe Type
65457-01	0.5 µL	Model 7000.5 KH Neuros Syringe	32	Modified Microliter
65458-01	1.0 µL	Model 7001 KH Neuros Syringe	32	Modified Microliter
65459-01	2.0 µL	Model 7002 KH Neuros Syringe	30	Modified Microliter
65460-02	5.0 µL	Model 75 RN Syringe and Neuros Adapter Kit*	33	Microliter
65460-05	10 µL	Model 1701 RN Syringe and Neuros Adapter Kit*	33	Gastight
65460-10	25 µL	Model 1702 RN Syringe and Neuros Adapter Kit*	33	Gastight
65460-15	50 µL	Model 1705 RN Syringe and Neuros Adapter Kit*	33	Gastight
65460-20	100 µL	Model 1710 RN Syringe and Neuros Adapter Kit*	33	Gastight

* This package consists of two products: the syringe listed and a Neuros adapter kit that includes an adapter, two needle sleeves and a six-pack of 33 gauge needles. The syringe and adapter kit must be assembled by the customer prior to use.

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

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