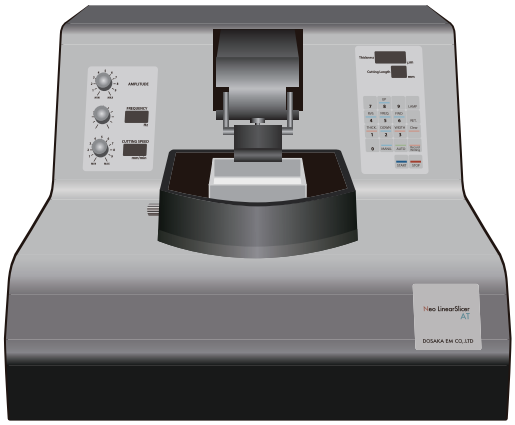
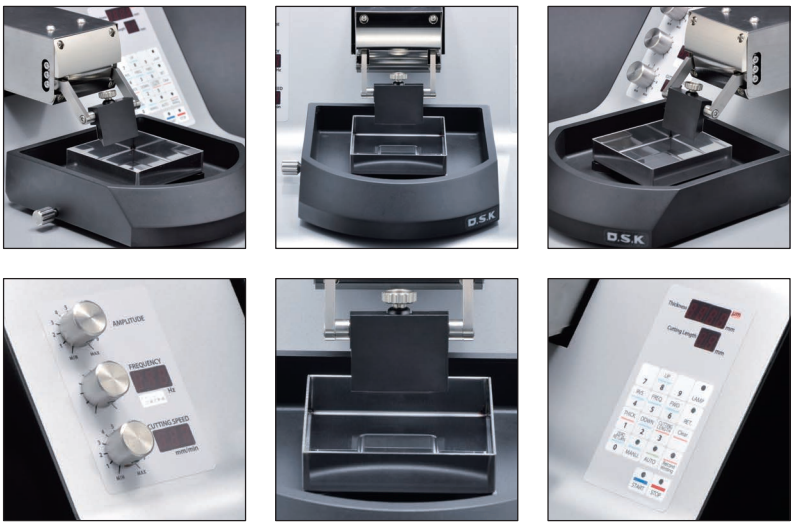
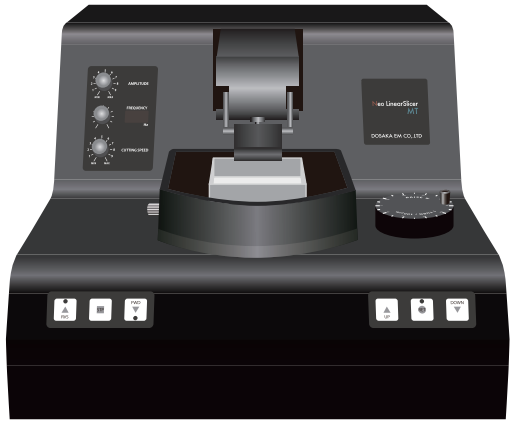
D.S.K

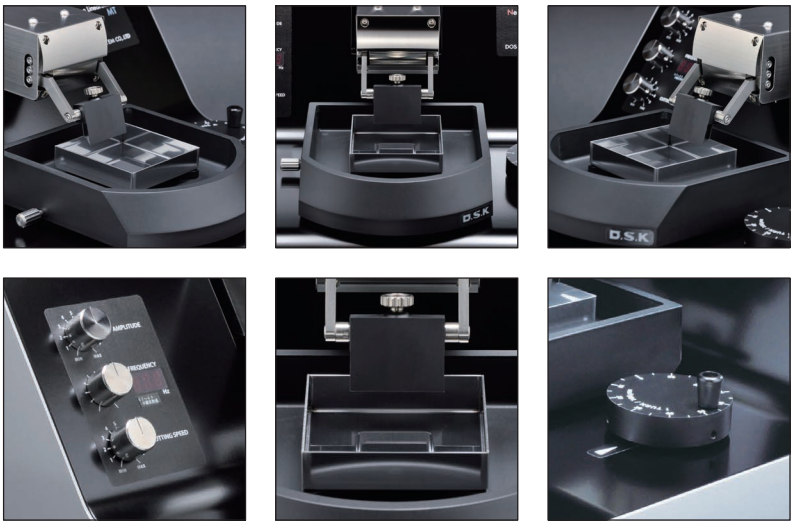
A New Slicer from Japan.





Neo LinearSlicer AT





Neo LinearSlicer MT

DOSAKA EM CO.,LTD.
www.dosaka-em.jp

New slicers for the world!

Dosaka-EM Co., Ltd. has grown up with slicers for nearly 40 years.
In 1980, we developed the first vibrating blade tissue slicer "MicroSlicer®" in Japan that overwhelmed the performance of "Vibratome", the de facto standard at the time.

In 2001, we developed "LinearSlicer®" first in the world improving the method of lateral vibration from DC motor drive to linear motor drive. By suppressing irregular vertical vibration which deteriorates performance to 2 micrometers or less (at maximum vibration), we succeeded to decrease chattering as much as possible, its performance far surpasses those of other companies' products.

And in 2014, a new product "Neo LinearSlicer®" was born. The design of the chassis was redesigned, and a vibration damping base was built-in. Body was changed from plastic to steel plate, eliminating defective vibrations caused by resonance as much as possible. With these, we provide the performance producing much thinner sections of live tissues.

The operation system was redesigned the panel design while leaving the historical simple and clear feeling of Dosaka-EM's MicroSlicer series. The automatic model modernized the control program and improved usability. The blade holder was detachable, and both the blade holder and deep type ice tray are sterilizable. Dosaka-EM aims for further height.

The new slicer of the world, Neo LinearSlicer®, was born.

Standard model: **Neo LinearSlicer MT®**, with manual thickness operation.
High-end model: **Neo LinearSlicer AT®**, makes sections automatically by key operation.
We will deliver two models.

Specifications

Type	NLS-MT：Manual Model
	NLS-AT：Automatic Model
Outer size	W345mm X D500mm X H240mm
Weight	35kg
Power	100-240V 2A (Specified when ordering)
Blade vibration	50-100Hz
Vibration width	0-2mm
Abnormal vibration	1 μm regularly / 2 μm at the maximum
Forward speed	MT: 0-44mm/min, AT: 0-90mm/min
Back speed	MT: 71mm/min, AT: 140mm/min
Area of sectioning	W30 X D30mm
Vertical movement	**15mm**
Special instruments	**-Built-in vibration damping base**
	-Removable blade folder (sterilizable)
	-Removable ice bath (sterilizable)
	-Retraction mechanism
	-Automatic sectioning (NLS-AT model)

Range of application

Neuroscience
neurochemistry
Histochemistry
cytochemistry
Physiology
Pharmacology
Toxicology
Pharmacokinetics
Enzyme cytochemistry
histopathology
Botany
Applied entomology
Regenerative medicine
Tissue engineering
Tissue culture
Other research areas using tissue sections

(The appearance and specifications maybe changed for revision without notification.)

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