

The Sunmedical logo is located in the top right corner. It features the word "sunmedical" in a sans-serif font, with "sun" in orange and "medical" in blue. An orange circle is drawn around the "medical" part of the logo.

sunmedical

The background of the entire page is a close-up photograph of surgical instruments. On the left, the sharp tip of a scalpel is visible. On the right, a pair of fine-tipped surgical forceps holds a thin, curved metal wire. The background is a soft-focus gradient of blue and green.

EMI Supermicrosurgery titanium instruments

**Designed by microsurgeons to be optimal for supermicro surgery.
Handcrafted in Japan.**

Precise and durable titanium instruments

and their unique advantages for micro- and supermicrosurgeons

The microsurgery tools made by Japanese company EMI Factory have the quality and resolution needed to perform precision procedures under supermicroscope lense magnification. **Made by hand from titanium alloy, finished with immaculate attention to every detail, and designed to be used with the smallest sutures in the world**, they fully meet the needs of microsurgeons looking for the ultimate solutions for their operations. The special design and craftsmanship provide the surgeon with excellent comfort, confidence and precision, as well as a number of other advantages.



No magnetic attraction to needles

Being made of titanium makes the instruments non-magnetic, so needles don't stick to the tip during surgery.



Reflection-free coating

- the special surface coating makes the instruments reflection-free, which greatly decrease eye fatigue and improve visibility when viewing microscopic magnifications.



Less-sticky surface

The exceptional surface coating minimises the blood-clotting effect.



Ductility for high grip performance

By fully applying titanium's ductility, EMI produces instruments that grasp even super-fine needles stably and firmly, without breaking or bending them. The instruments grip with the entire plane of the tip, not just the point. Different tip sizes can be applied to various surgical needles up to 12-0.



Light-weight

Products have an excellent weight-to-strength ratio, taking advantage of the lightness of titanium, while providing good grip, feeling and balance.



Colour coding

The six beautifully rich titanium colours make it easy to distinguish different instruments tip sizes.



Tailor-made manufacturing

The cutting-edge techniques used can adapt products to fit surgeons special requirements, such as adding a protrusion for special skills, varying the tip figure, adding a lock or matching to hand size.

The Shokunin way



When microsurgeons are seeking to make breakthroughs that were previously thought impossible, they often have to face technological limitations in the tools they use. Against current economic trends and refusing to accept "quick-fix" solutions, we combine the best Japanese traditions of solid handcrafting with cutting-edge innovations to invoke the spirit of Shokunin and create truly robust technology that allows surgeons to ignore previous limitations and devote themselves to perfecting their intricate procedures. The precision of our products, aligned with these surgeons' incredible abilities, puts them into a category of their own – the supermicro category.

EMI FACTORY

EMI Needle Holder

High gripping performance

Material	Handle type	Lock	Length	Tip shape	Tip size (Suitable sutures)
Titanium	Flat ¹		150 mm	Curved	0.5 mm (7-0 ~ 8-0)
					0.3 mm (9-0 ~ 10-0)
	Round ²	Without	180 mm	Straight	For super micro surgery: 0.1 mm (11-0 ~ 12-0)

Available colours:  rainbow  gold  pink  blue  light blue  green



EMI **SM** Needle Holder

Designed for gripping super-fine needles

EMI's Supermicro Needle Holder **has a tip size starting from 0.1 mm, can be applied to 11-0 ~ 12-0 surgery sutures** and has been specifically designed for supermicrosurgery operations. It allows the most delicate microvascular anastomosis to be done properly with more confidence due to the high gripping efficiency enabled by titanium's ductility.



EMI FACTORY

EMI Needle Holder Long

Perfect balance

Material	Handle type	Lock	Length	Tip shape	Tip size (Suitable sutures)
Titanium	Flat	With	200 mm	Curved	1.2 mm (5-0)
					1.0 mm (6-0)
					0.8 mm (7-0)
		Without	220 mm	Straight	0.5 mm (8-0)
					0.3 mm (9-0 ~ 10-0)
					0.1 mm (11-0 ~ 12-0)

Available colours:  rainbow  gold  pink  blue  light blue  green



EMI FACTORY

EMI Micro Scissors

Sharp and clean cut

EMI **SM** Curved Scissors



EMI **SM** Straight Scissors



Material	Length	Tip shape
Titanium	150 mm	Straight ¹
	180 mm	
	200 mm	Curved ²

Available colours:  rainbow  gold  pink  blue  light blue  green

EMI FACTORY

EMI Micro Forceps

Excellent grip feeling

Material	Length	Tip size (Suitable sutures)
Titanium	120 mm	For super micro surgery: 0.05 mm (12-0)
		0.1 mm (11-0 ~ 10-0)
		0.2 mm (9-0 ~ 8-0)

Available colours:  rainbow  gold  pink  blue  light blue  green



EMI **SM** Forceps

Firm and stable grip with the finest tip

These supermicro forceps are designed by microsurgeons for work on anastomoses of the most delicate blood, lymphatic and nerve vessels - and **have a diameter of less than 1 mm. They're available in sizes 0.05 mm, 0.1 mm and 0.2 mm.** Taking advantage of the ductility of titanium, they grip with the whole plane of the tip, not just the point. They provide a firm and stable grip, which makes them essential instruments for supermicrosurgery procedures.

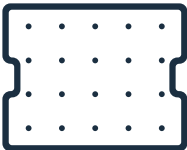


EMI FACTORY

EMI Super Micro Set A

Cod. EMI-SET-A

Set A:	EMI SM Needle Holder		EMI SM Micro Scissors	EMI SM Forceps		EMI Sterilization Case L
Quantity:	1	1	1	1	1	1



Length:	150 mm		150 mm	120 mm		Size: 254 mm × 152 mm × 19 mm
Tip:	0.1 mm	0.3 mm	Curved <input checked="" type="checkbox"/> / Straight <input checked="" type="checkbox"/>	0.05 mm	0.1 mm	
Colour:	<div><div><div>rainbow</div><div>gold</div><div>pink</div><div>blue</div><div>light blue</div><div>green</div></div><div><input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/></div></div> <div><div><div>rainbow</div><div>gold</div><div>pink</div><div>blue</div><div>light blue</div><div>green</div></div><div><input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/></div></div> <div><div><div>rainbow</div><div>gold</div><div>pink</div><div>blue</div><div>light blue</div><div>green</div></div><div><input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/></div></div> <div><div><div>rainbow</div><div>gold</div><div>pink</div><div>blue</div><div>light blue</div><div>green</div></div><div><input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/></div></div> <div><div><div>rainbow</div><div>gold</div><div>pink</div><div>blue</div><div>light blue</div><div>green</div></div><div><input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/></div></div>					

Available for buying separately, refer to the technical sheets.

EMI FACTORY

EMI Micro Set B

Cod. EMI-SET-B

Set B:	EMI Needle Holder	EMI Micro Scissors	EMI Micro Forceps	EMI Sterilization Case M
Quantity:	1	1	2	1



Length:	150 mm	150 mm	120 mm	Size: 162 mm × 102 mm × 19 mm
Tip:	0.3 mm	Curved <input checked="" type="checkbox"/> / Straight <input checked="" type="checkbox"/>	0.1 mm	
Colour:	● blue	● blue	● blue	

Available for buying separately, refer to the technical sheets.

Sunmedical è distributore esclusivo per l'Italia

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