

## Optional frame lineup



Cap Frame

Reinforcement of the cap frame support structure has contributed to stabilization of the embroidery finish, by dramatically increasing the maximum rotation speed up to 1,000 rpm.



Tubular Frame (standard)



M-Frame



Air Type Clamp Frame 2



X-extension Unit  
(360mm x 1,200mm)



Border frame



Sock Frame



Air Type Pocket Frame



Pocket Frame

## "TMEZ-SC" + "DG.NET SaaS" offer personalized embroidery through E-commerce and stores.

"DG.NET SaaS" provides comprehensive support for embroidery personalization, from receiving in-store or online e-commerce orders to production and management. Combined with the AI embroidery machine "TMEZ-SC", embroidery personalization can be easily started without a dedicated embroidery staff.



SPECIFICATION(S)										
Model	Needles	Embroidery field (length x width)				A	B	C	D	
		Border Frame	Wide Cap Frame	Cap Frame	Tubular Frame	Pocket Frame	Width	Depth	Height	Overall Width
TMEZ-S0901C	9					45x80mm	1,030mm	770mm	977mm	1,205mm
TMEZ-S1201C	12	360x500mm	75x360mm	83x180mm	335x453mm	80x55mm				
TMEZ-S1501C	15									

Revolution Max 1,200 rpm

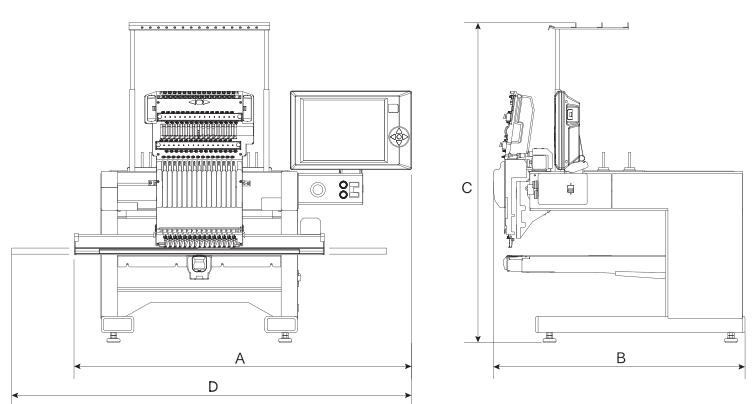
Power consumption Single-phase  
100-120 V / 200-240 V 50Hz/60Hz

Power supply 160w

Weight 95kg

## OPTION(S)

Sequin Device ESQ-C	Seed Beads Device
Multi Cording Device 2	Lame Attachment
Position Marker	Laser cross marker
Beam Sensor	LED Light
Under Thread Winder	Stands
Stand Trays	



\* The actual embroidery area and embroidery speed may vary depending on the items being produced, the machine model, and the embroidering conditions.

\* Please inquire for details on options and embroidery frames.

Seller

**Tajima Industries Ltd.**

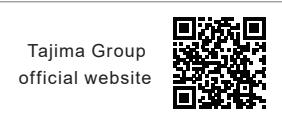
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Manufacturer

**TISM Co.,Ltd.**



\* The specifications and designs of our products are subject to change without notice for performance improvement.

\* Caution: No registered trademark or product design contained in this catalog may be used without prior permission from the manufacturer.

# TMEZ-SC



Flagship model

Single-head cylinder type

# AI Embroidery Machine TMEZ-SC



## REALIZE YOUR VISION

TMEZ-SC can be the perfect solution for anyone in the embroidery business. Equipped with Tajima's latest and most advanced technologies, this model automatically produces personalization and enables anyone to perform professional-quality embroidery. It is also possible to launch an embroidery business at an early stage.



i-TM is installed in place of conventional thread tension knobs.



12.1-inch touch panel



New thread trimming device eliminates the picker



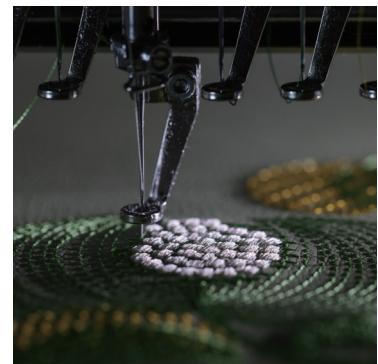
Design position adjustment function (corrects framing misalignment)

Even if the fabric pattern is slanted after framing, it can be corrected from the operation panel, with no need for repeated attempts to reframe.

## High quality, stable stitches with "i-TM" and "DCP"

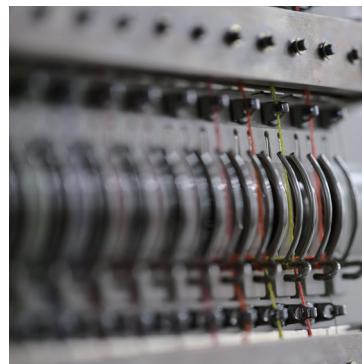
The i-TM and DCP realize high quality and stable stitches.

The need to adjust the upper thread tension according to the stitch, design, or material, as is done by skilled operators on conventional embroidery machines, is no longer necessary.



### Digitally Controlled Presser foot (DCP)

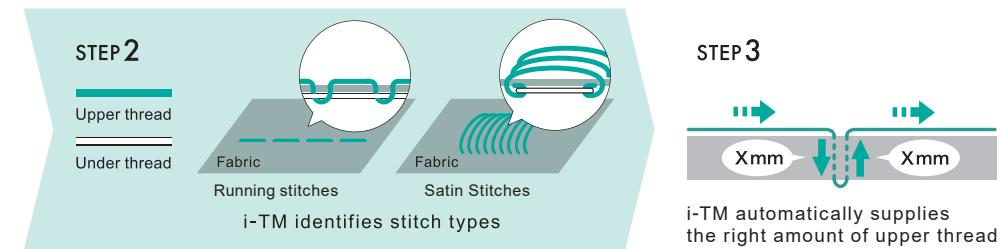
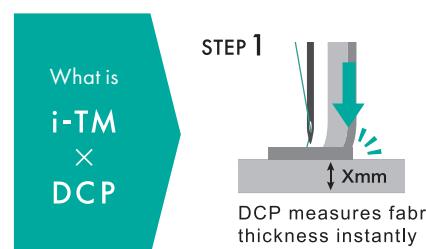
Measures the thickness of the fabric in as little as 0.05 seconds per stitch and applies the optimum pressing force to reduce fabric fluttering.



### Intelligent Thread Management (i-TM)

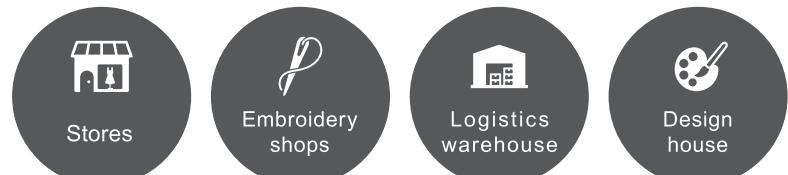
Automatically calculates the upper thread supply by determining the fabric thickness and stitch type measured by DCP.

## MECHANISM



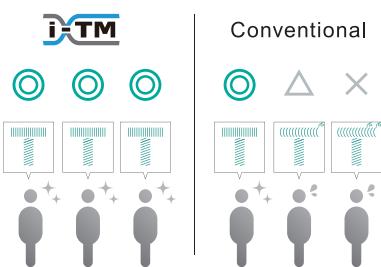
## SCENES

It is suited for personalization, monogramming and emblem processing on uniforms, hats, socks, bags, etc., as well as in-store embroidery processing.



## PERFORMANCE

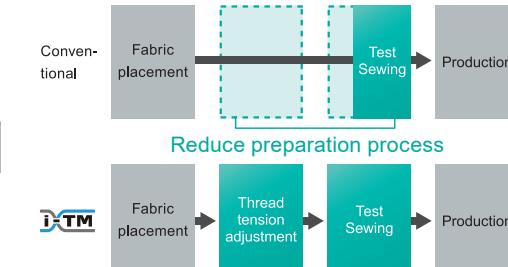
### Stable quality



Always the same finish, even if the operator

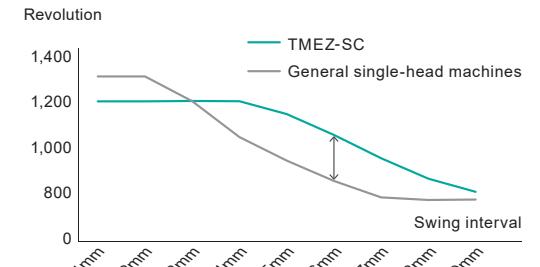
Operators no longer need to make adjustments according to various conditions such as design, material, temperature, and humidity. With i-TM and DCP, stable production is always possible, regardless of operator skill.

### Productivity Improvements



Significantly reduced order-to-delivery lead time

The time required for trial sewing and adjustment can be reduced, and the speed can be increased with less worry of thread breakage, resulting in an estimated 30% reduction in processing time (compared to conventional machines).

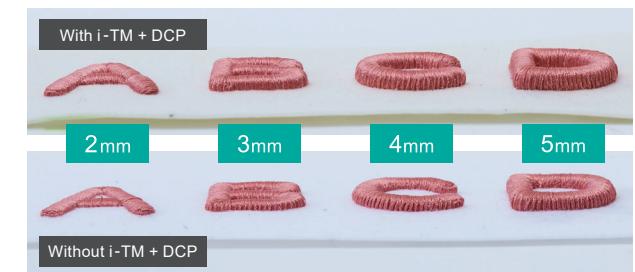
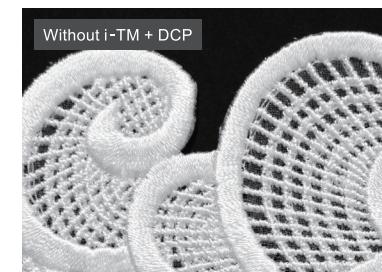
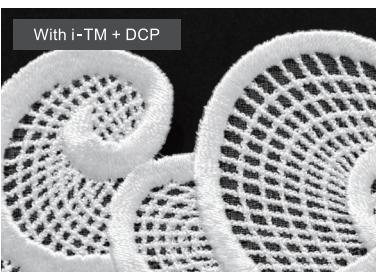


Maintains max RPM up to 4mm stitch

Generally, the longer the stitches, the lower the RPM, but the key is not to slow down too much for 3mm-7mm stitches, which are most commonly used for embroidery. TMEZ-SC maintains the highest RPM up to 4mm stitching and does not excessively reduce RPM for stitches between 3mm to 7mm.

## CASE STUDY

Anyone can automatically embroider stable, high quality stitches. See more "i-TM" + "DCP".



Even on lace embroidery where satin stitches and running stitches are mixed, the amount of thread required for each stitch is automatically calculated and supplied. By using looser satin stitches and tighter running stitches, you can sew neatly without clogging the seams.

The thickness of the urethane foam is measured for each stitch, and the height of the presser foot and the amount of needle thread supplied are automatically adjusted, allowing you to sew voluminous embroidery without excessively crushing the urethane foam.