## 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)



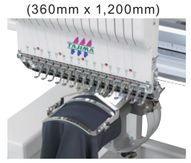
Border frame



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.





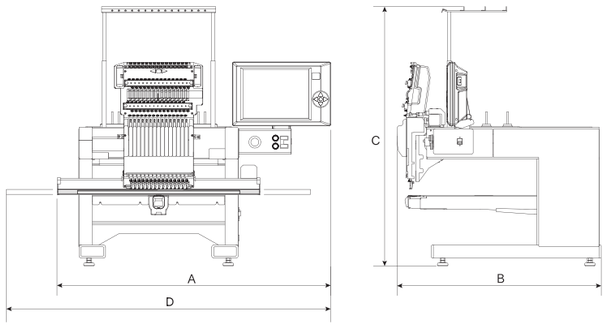
**SPECIFICATION(S)**

| Model | Needles | Embroidery field (length × width) | | | | | A | B | C | D |
|---|---|---|---|---|---|---|---|---|---|---|
| | | Border Frame | Wide Cap Frame | Cap Frame | Tubular Frame | Pocket Frame | Width | Depth | Height | Overall Width |
| TMEZ-S0901C | 9 | 360×500mm | 75×360mm | 83×180mm | 335×453mm | 45×80mm<br>80×55mm | 1,030mm | 770mm | 977mm | 1,205mm |
| TMEZ-S1201C | 12 | | | | | | | | | |
| TMEZ-S1501C | 15 | | | | | | | | | |

| | |
|---|---|
| Revolution | Max 1,200 rpm |
| Power consumption | Single-phase<br>100-120 V / 200-240 V 50Hz/60Hz |
| Power supply | 160 w |
| Weight | 95 kg |

**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.**

NO.1800 Ushiyama-cho, Kasugai, Aichi-pref. 486-0901, JAPAN
TEL 0568-90-6512,6514,6518
FAX 0568-90-6513,6515,6519

Manufacturer

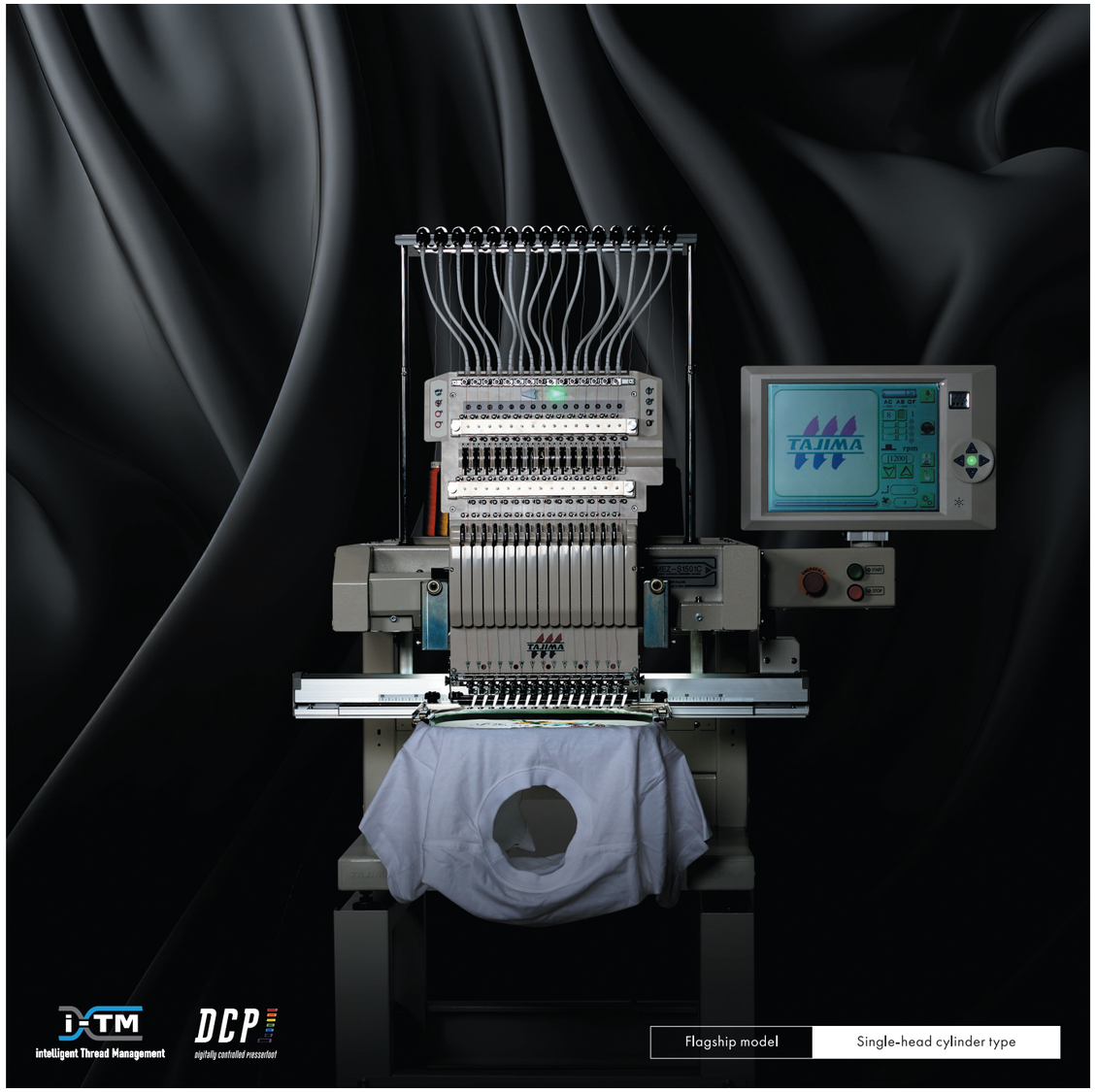
**TISM Co.,Ltd.**


Tajima Group official website

Please contact our distributor listed below.


* 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



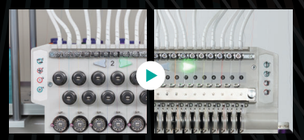
AI Embroidery Machine

# 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.



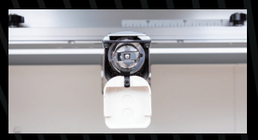
**i-TM is installed in place of conventional thread tension knobs.**

There are no knobs to adjust the thread tension, as is the case with conventional embroidery machines.Upper thread tension adjustment is no longer necessary.



**12.1-inch touch panel**

The large 12.1-inch operation panel - one of the largest in the industry - features convenient icons and allows you to switch the language used for operating the machine.



**New thread trimming device eliminates the picker**

Eliminating the picker makes exchanging bobbins easier. It also provides more stable trimming and a 40% improvement over conventional machines in shortening thread tails on the reverse side of the fabric.

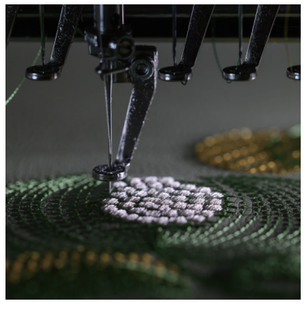



**Design position adjustment function**
(corrects framing misalignment)

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"

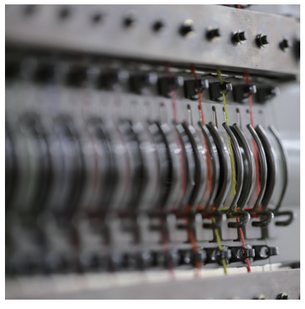
The i-TM and DCP realize high quality and stable stitches.
The need to adjust the upper thread tension according to the stitch, design, or material, as is done by skilled operators on conventional embroidery machines, is no longer necessary.



DCP
digitally controlled presserfoot

### 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.



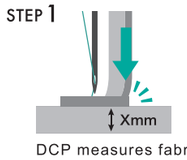
i-TM

### Intelligent Thread Management (i-TM)

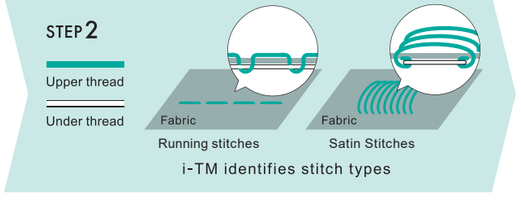
Automatically calculates the upper thread supply by determining the fabric thickness and stitch type measured by DCP.

## MECHANISM

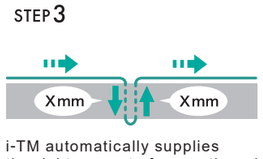
What is i-TM × DCP




DCP measures fabric thickness instantly




i-TM identifies stitch types




i-TM automatically supplies the right amount of upper thread.

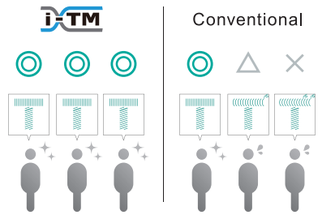
## SCENES

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



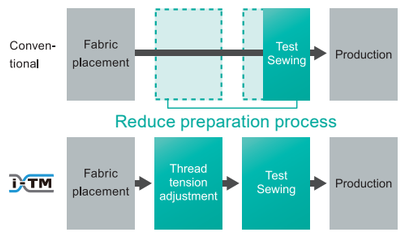

## PERFORMANCE

Stable quality | Productivity Improvements



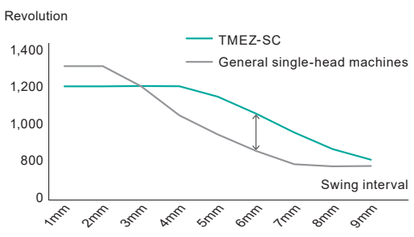

### Always the same finish, even if the operator

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.




### 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).

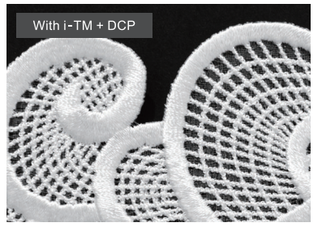


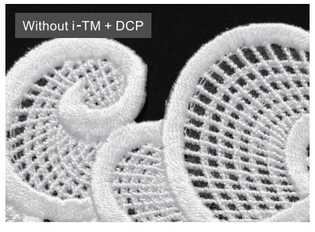

### Maintains max RPM up to 4mm stitch

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.

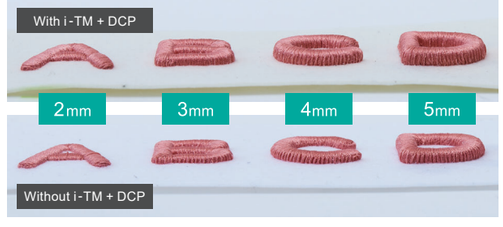
## CASE STUDY

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.