

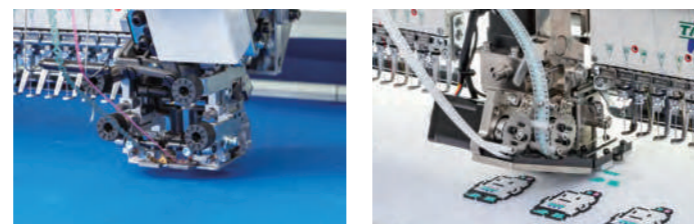
SPECIFICATIONS

Model	No. of Needles	No. of Heads	Head Interval	Embroidery Area Per Head: Depth×Width (D×Wmm) [Inside Dimension]				A	B	C
				Normal	Wide Cap Frame	Cap Frame	Tubular Frame			
TMEZ-K0902C	9	2	500	450×500	75×360	83×180	439×419	2,260	1,355	1,730
TMEZ-K1202C	12	2	500	450×500			439×419	2,260	1,355	1,730
TMEZ-K1502C	15	2	500	450×500			439×419	2,260	1,355	1,730
TMEZ-K0904C	9	4	360	450×360			439×279	2,560	1,355	1,730
TMEZ-K1204C	12	4	360	450×360			439×279	2,560	1,355	1,730
TMEZ-K1504C	15	4	360	450×360			439×279	2,560	1,355	1,730
TMEZ-K0904C	9	4	500	450×500			439×419	3,260	1,355	1,740
TMEZ-K1204C	12	4	500	450×500			439×419	3,260	1,355	1,740
TMEZ-K1504C	15	4	500	450×500			439×419	3,260	1,355	1,740
TMEZ-K0906C	9	6	360	450×360			439×279	3,280	1,355	1,740
TMEZ-K1206C	12	6	360	450×360			439×279	3,280	1,355	1,740
TMEZ-K1506C	15	6	360	450×360			439×279	3,280	1,355	1,740
TMEZ-K0906C	9	6	500	450×500			439×419	4,260	1,355	1,740
TMEZ-K1206C	12	6	500	450×500			439×419	4,260	1,355	1,740
TMEZ-K1506C	15	6	500	450×500			439×419	4,260	1,355	1,740
TMEZ-K0908C	9	8	360	450×360			439×279	4,000	1,355	1,740
TMEZ-K1208C	12	8	360	450×360			439×279	4,000	1,355	1,740
TMEZ-K1508C	15	8	360	450×360			439×279	4,000	1,355	1,740
TMEZ-K0908C	9	8	500	450×500			439×419	5,260	1,355	1,740
TMEZ-K1208C	12	8	500	450×500			439×419	5,260	1,355	1,740
TMEZ-K1508C	15	8	500	450×500	439×419	5,260	1,355	1,740		

Factory Options	Position Marker
Options	Beam Sensor, Multi Cording Device II *available after spring 2021
Optional Frames	Border Frame/Cap Frame/Pocket Frame
Speed	Max. 1,100 rpm
Power	3-Phase 200V Single Phase 100V, 200V
Power Consumption	Max. 470W(910VA)

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

OPTIONS



ESQ-C \*available after spring 2021

The complicated mechanism of sequin application has been thoroughly redesigned, leading to quality improvement and minimization of adjustment time. The sequin types and sizes can be changed more easily now.

Seed Beads Device \*available after spring 2021

Bead embroidery, traditionally performed manually by craftsman, can now be mass-produced automatically with the seed beads device. The device is equipped with an easily-replaceable bead reel table.

More about TMEZ-KC

TMEZ-KC Special Website  
[tajima.com/jp/product/ez-kc/](http://tajima.com/jp/product/ez-kc/)



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Manufactured by

株式会社 TISM

Contact below for inquiries regarding the purchase a machine(s) or issues with current equipment that you have.

\*Specifications are subject to modification.  
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TMEZ-KC  
 SERIES



A New-Generation,  
 AI Embroidery Machine  
 that changes norms at production sites

**i-TM**  
 intelligent Thread Management  
 Equipped with  
 the industry's first technology  
**"i-TM"**



# intelligent Thread Management

i-TM = Automatic Upper Thread Tension Adjustment by AI

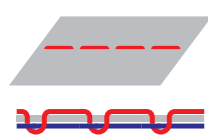
By automatically analyzing the stitch type and the fabric thickness, i-TM supplies the optimal amount of thread for the best embroidery finish at all times.



## Automatic adjustment based on stitch type

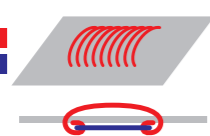
Thread amount automatically calculated according to stitch types

### Run Stitches



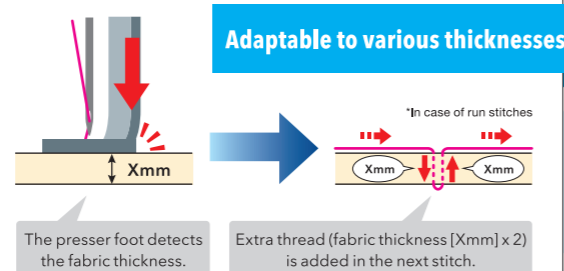
The amount of upper thread supply is pre-determined for tight run stitches.

### Satin Stitches



Soft sewing is performed for satin stitches to prevent fabric shrinkage.

## Upper thread supply based on fabric thickness



## Changes norms at production sites

**Stabilized production quality**  
without i-TM: Operators' lack of skills could result in defective products.  
with i-TM: Professional finish can be achieved by any operator.

**No manual adjustment needed**  
at times of changing the thread thickness / material  
Cotton, Rayon, Polyester, Metallic

**Increased production efficiency**  
Downtime for adjustment after thread changes can be shortened.

Conventional steps: Fabric placement → Thread tension adjustment → Test sewing → Production  
with i-TM: Fabric placement → Test sewing → Production

Automated optimization of embroidery quality by i-TM Assists both managers and operators

**User Voice**

Tatami stitch finish is beautiful! Same for satin stitches!

Less tension adjustment work, more time to do other tasks!

New operators can be set to work immediately!

See more user reviews here

## Cap embroidery enhanced in pursuit of higher productivity



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.

AI-powered Embroidery Machine

# TMEZ-KC SERIES

## Expert of embroidery on ready-made products

The industry's first technology "i-TM" (automatic upper thread tension adjustment) is now available on the multi-head cylinder-type machine that can be applied to ready-made products. The "consistent" and "high-quality" finish helps to achieve richer embroidery expressions on finished products more easily.



## Reinforcement of fundamental performance



### Reinforced tubular frame arm

The newly-designed arms have been made 3 times more rigid than the conventional type, easing the support of heavy items like jackets.



### Reinforced upper thread lock

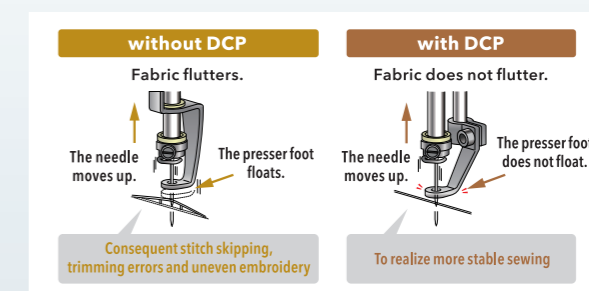
The upper thread lock has been reinforced so it can hold the thread on suspended heads more firmly to avoid thread cast-off and to reduce the occurrence of stitching errors at the start of embroidery.



### Upgraded main shaft motor

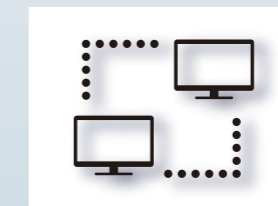
The improved torque of the main shaft has led to higher penetration, allowing stable embroidery even on thick materials like leather.

## Beautiful finish even on thick materials and leather



The digitally controlled presser foot reduces fluttering of the fabric and gives precise and beautiful embroidery finish. It is ideal for locations and materials that can easily flutter, such as sewing seams, leather, and thick and/or elastic fabrics.

## Other standard functions that enhance usability



### Network connection support

Using the Pulse software in combination, users can build their own system as a tool for human error reduction and better production management.



### New auto thread trimming device

The picker has been eliminated for easier under thread exchange. The whole trimming mechanism has also been redesigned for stable trimming under various conditions.



### 12.1-inch TFT touch panel

The large monitor allows intuitive operation of the panel.