

SPECIFICATION(S)

 Model	 No. of Needles	 No. of Heads	 Head Interval	 Embroidery Area Per Head: Depth×Width (D×Wmm) [Inside Dimensions]				 A B C		
				Normal	Wide Cap Frame	Cap Frame	Tubular Frame	Overall Width(mm)	Depth(mm)	Overall Height(mm)
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 Option(s)	Position Marker
Option(s)	Beam Sensor
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.

More about TMEZ-KC

TMEZ-KC Special Website
tajima.com/product/ez-kc/



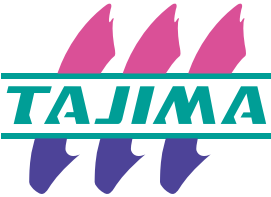
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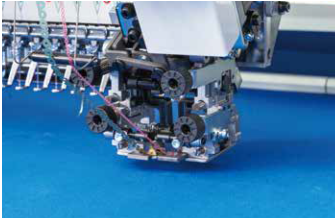
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Manufactured by

TISM Co.,Ltd.

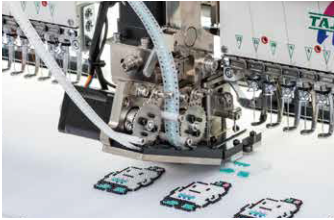
*Specifications are subject to modification.
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OPTION(S)



ESQ-C *available after spring 2021

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



Seed Beads Device *available after spring 2021

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

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



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TMEZ-K

SERIES



intelligent Thread Management

Equipped with
the industry's first technology
"i-TM "





intelligent Thread Management

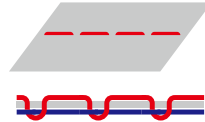
i-TM = Automatic Upper Thread Tension Adjustment by AI

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

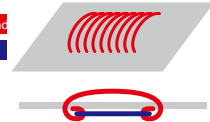
Thread amount automatically calculated according to stitch types

Run Stitches



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

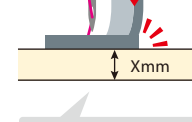
Satin Stitches



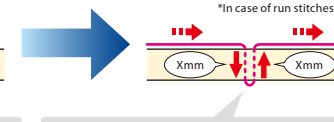
Soft sewing is performed for satin stitches to prevent fabric shrinkage.

Upper thread supply based on fabric thickness

Adaptable to various thicknesses



The presser foot detects the fabric thickness.



Extra thread (fabric thickness [Xmm] x 2) is added in the next stitch.



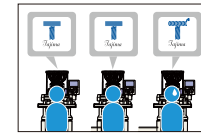
i-TM is installed in place of conventional thread tension knobs.

i-TM special site

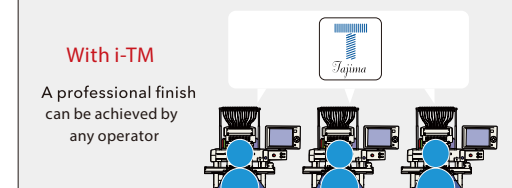


Changes norms at production sites

! Stabilized production quality



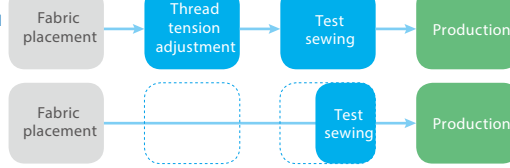
Without i-TM
Operators' lack of skills could result in defective products.



! Increased production efficiency

Downtime for adjustment after thread changes can be shortened.

Conventional Steps

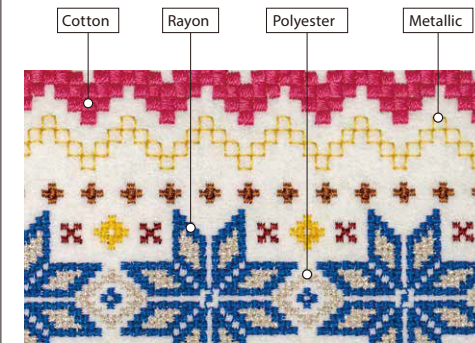


With i-TM



! No manual adjustment needed

During changing of the thread thickness / material



User Voice

The tatami stitch finish is beautiful!
The same for satin stitches!

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

New operators can be
set to work immediately!

See more
user reviews here



Automated optimization of embroidery quality by i-TM

Assists both managers and operators

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.

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 issues at the start of embroidery.



Upgraded main shaft motor

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

AI-powered Embroidery Machine

TMEZ-K SERIES

An expert of embroidery on ready-made products

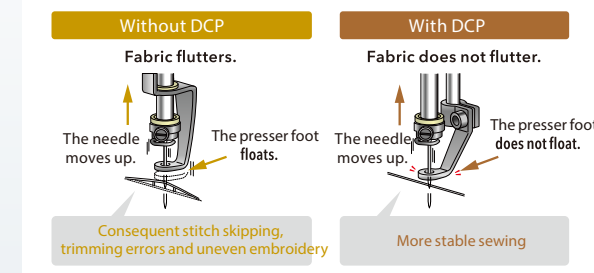
The industry's first "i-TM" (automatic upper thread tension adjustment) technology is now available on the multi-head cylinder-type machine that can mass produce ready-made products.

The "consistent" and "high-quality" finish helps to achieve richer embroidery expressions on finished products.



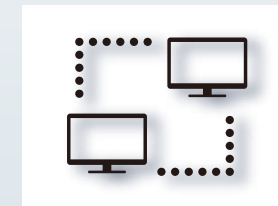
Beautiful finish even on thick materials and leather

DCP
digitally controlled presser foot



The digitally controlled presser foot reduces fluttering of the fabric and gives a precise and beautiful embroidery finish. It is ideal for tough 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

Combined with Pulse software, 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.