



TIM CAMPBELL 800-400-7500



Product Selection Guide

METROMAX Q™ ESD STORAGE & TRANSPORT SYSTEM

MetroMax Q ESD storage and transport shelving gives you the power to create a flexible, productivity-based electronics material handling system that offers the safety of ESD construction along with the protection of cushioned polymer shelf surfaces.

The unique corner design of MetroMax Q ESD allows you to assemble and reposition shelves easily, without the need for tools. Optional “Drop-in” accessories also provide the ability to configure units to a number of exacting requirements.



Features:

- Removable conductive polymer mats
- Plated steel posts and frames
- Unique corner design
- Optional Surface Mount Technology “Drop-in” accessories

Benefits:

- Quick static discharge
- Quality protection of shelf contents from abrasion
- Resistant to corrosion
- Quick static discharge
- Resistant to corrosion
- Strength and durability
- Quick and easy assembly
- Easy repositioning of shelves
- Adapts to current needs
- Changes when your needs change
- Task specific support for SMT operations



Specifications

Shelf frames: Super Erecta Brite® plated steel.

Shelf mats: Injection molded conductive polypropylene.

Posts: Chrome-plated steel.

Temperature Range: -20°F to 120°F (-29°C to 49°C) continuous use.

ESD Classification: Conductive with the use of a grounding cable (Model No. ASK16S or ASKCR) or conductive casters (shown below).

- **Shelves*** — Complete with frames, mats and wedge connectors.

Model No.	Width/Length		Approx. Pkd. Wt.	
	(in.)	(mm)	(lbs.)	(kg)
MQ1824C	18 x 24	457 x 610	10	4.5
MQ1830C	18 x 30	457 x 760	11	5.0
MQ1836C	18 x 36	457 x 914	12	5.4
MQ1848C	18 x 48	457 x 1219	16	7.3
MQ1860C	18 x 60	457 x 1524	20	9.1
MQ1872C	18 x 72	457 x 1829	23	10.4
MQ2424C	24 x 24	610 x 610	11	5.0
MQ2430C	24 x 30	610 x 760	14	6.2
MQ2436C	24 x 36	610 x 914	15	6.8
MQ2442C	24 x 42	610 x 1066	17	7.7
MQ2448C	24 x 48	610 x 1219	19	8.6
MQ2460C	24 x 60	610 x 1524	23	10.4
MQ2472C	24 x 72	610 x 1829	29	13.2

NOTE: 42" length shelf only available in 24" width.

Replacement ESD Wedges

Model No. QESD-KIT
Bag of four wedges

- **Stationary Posts** — Includes ESD leveling foot.

- **Mobile Posts** — Includes ESD receptacle for stem casters.

Stationary Model No.	Mobile Model No.	Height		Approx. Pkd. Wt.	
		(in.)	(mm)	(lbs.)	(kg)
MQ13P	MQ13UP	13	370	0.5	0.2
MQ33P	MQ33UP	33	875	1.0	0.45
MQ54P	MQ54UP	54	1370	1.5	0.7
MQ63P	MQ63UP	63	1585	2.0	0.9
MQ74P	MQ74UP	74	1880	2.25	1.0
MQ86P	MQ86UP	86	2195	2.5	1.2

- **Casters** — For use with MetroMax Q mobile posts.

Model No.	Type	Wheel Diameter		Face (in.) (mm)	Load Rating		Type	Approx. Pkd. Wt.		
		(in.)	(mm)		(lbs.)	(kg)		(lbs.)	(kg)	
Q5MC	Conductive	5	127	1 1/4	32	175	79	Stem/Swivel	2 1/2	1.1
Q5MBC	Conductive	5	127	1 1/4	32	175	79	Stem/Brake	2 3/4	1.2
Q5MESD	Non-Marking Conductive	5	127	1 1/4	32	200	91	Stem/Swivel	2 1/2	1.1
Q5MBESD	Non-Marking Conductive	5	127	1 1/4	32	200	91	Stem/Brake	2 3/4	1.2
Q5MFA	Vibration Suppression	5	127	1 1/4	32	200	91	Stem/Swivel	2 1/2	1.1
Q5MFBA	Vibration Suppression	5	127	1 1/4	32	200	91	Stem/Brake	2 3/4	1.2
5MDXA	High Modulus Donut	5	127	1 1/4	32	200	91	Stem/Swivel	2 1/2	1.1
5MDBXA	High Modulus Donut	5	127	1 1/4	32	200	91	Stem/Brake	2 1/2	1.1

NOTE: Q5MC series are carbon-loaded casters (foot-operated brake model).

NOTE: Q5MESD series are non-marking casters (toe-operated brake model).

NOTE: Q5MFA series feature a toe-operated brake model.



ASKCR



ASK16S

***Note:** As part of the improved MetroMax iQ Storage System, minor dimensional changes were made to the MetroMax Q ESD shelves, stencil storage levels and backstops, reel storage levels, adjustable slanted shelves, and utility cart handles. Unless otherwise noted, these items are not compatible on MetroMax Q ESD units manufactured prior to May, 2009.



QESD-KIT



**Q5MBESD
Non-Marking
Conductive
Brake Caster**



**Q5MFA Vibration
Suppression Caster**



SMT Stencil Storage*

Components “drop-into” 24" x 42" footprint to form a partial or dedicated stencil storage unit. Choose between a complete unit (Model No. MQN546CSTL) or to build your own unit, choose number of storage levels (below) and select posts (stationary or mobile) from page 2.

- Wire spacing is 1³/₄", center to center.
- Each storage level has a weight capacity of 200 lbs. (91kg).
- Each storage level has a unit capacity of 19 stencil frames.

ESD Classification: Conductive with the use of a grounding cable (Model No. ASK16S or ASKCR) or conductive casters (shown on page 2).

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MQN546CSTL
(shown with optional accessories)

Model No.	Approx. Width/Length		Item	Pkd. Wt.	
	(in.)	(mm)		(lbs.)	(kg)
MQN546CSTL	24 x 42	610 x 1066	63" high, 2-level, Stationary Stencil storage unit (shown above) — ①	80	36.4
MQN54CSTL	24 x 42	610 x 1066	One complete storage level (top & bottom shelf) — ②	30	13.7
MQAN54CSTL	24 x 42	610 x 1066	Add-on storage level (to form 2nd level) — ③	23.5	10.7

• Accessories

Model No.	Width/Length		Item	Approx. Pkd. Wt.	
	(in.)	(mm)		(lbs.)	(kg)
MQH142Z	42"L	1066	Stencil Backstop — ④	3	25
MQEH42Z	5 x 42	127 x 1069	Extended Backstop — ⑤	4	25

NOTE: MQH142Z is for 24" and smaller frames.
MQEH42Z is for 29" stencil frames.



MQH142Z



MQEH42Z



SMT Reel Storage*

Store and identify your valuable SMT Reel inventory with this flexible and versatile system. Each storage level offers capacity for either 2 pans of 7" and 13" size reels or 1 pan of 15" size reels. To build your own unit, choose number of storage levels (below) and select posts (stationary or mobile) from page 2.

- 5 stainless steel dividers included per pan.
- Dividers can be moved in 3/4" increments.
- Each pan has 35 1/2" of useable reel storage space (capacity will vary depending upon width of reel).
- Each storage level has a weight capacity of 200 lbs. (91kg). For mobile units total weight must not exceed three times load rating factor of casters selected.

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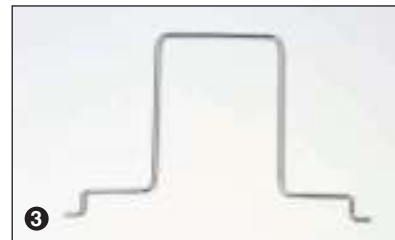
MQN545CRS
(shown with optional accessories)

Model No.	Width/Length		Item	Approx. Pkd. Wt.	
	(in.)	(mm)		(lbs.)	(kg)
MQN545CRS	24 x 42	610 x 1066	54" high, 3-level reel cart — ①	119	54.1
MQN545CRS-15	24 x 42	610 x 1066	54" high, 3-level reel cart	83	37.8
MQN54CRS	24 x 42	610 x 1066	Complete 2-pan, 7" & 13" reel storage level — ②	32	14.6
MQN54CRS-15	24 x 42	610 x 1066	Complete 1-pan, 15" reel storage level	20	9.1

NOTE: QN545CRS and QN545CRS-15 include 5MXDA series casters (2 brake, 2 swivel), a Q2442C shelf, an ASKCR grounding cable, and appropriate number of stainless steel dividers.

• Accessories

Model No.	Width/Length		Item	Approx. Pkd. Wt.	
	(in.)	(mm)		(lbs.)	(kg)
QCRSDIV5	.25 x 10 1/8	6.4 x 257	Set of 5 stainless steel dividers — ③	4.25	1.9
QCRSLBL5	4 x 6	102 x 152	Set of 5 divider label holders — ④	4.25	1.9



QCRSDIV5
(only one divider shown)



QCRSLBL5
(shown with divider)



METROMAX Q™ ESD

Adjustable Slanted Shelf*

Ergonomic shelf design that can be pitched from 0-45 degrees, depending on the application. Ideal for kitting operations, handling WIP, and many other applications. Fits two Olympic TB93000 Series Totes.

ESD Classification: Conductive with the use of a grounding cable (Model No. ASK16S or ASKCR) or conductive casters (shown on page 2).

Model No.	Width/Length		Item	Approx. Pkd. Wt.	
	(in.)	(mm)		(lbs.)	(kg)
MQ2442AS	24 x 42	610 x 1066	Adjustable slanted shelf	16.0	1.3

Note: Each shelf level has a weight capacity of 200 lbs. (91kg), evenly distributed.

• Accessories

Model No.	Height		Item	Approx. Pkd. Wt.	
	(in.)	(mm)		(lbs.)	(kg)
QL42N-4AS	3 1/2	88.9	Front ledge attachment 4" (102mm) high	2.75	1.25
DD18C	8	203	18" (457mm) Divider	.25	.11

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MQ2442AS
(shown above as part of a complete cart)

QESD Utility Carts

Features removable soft conductive mats that are ideal for transporting electronics WIP. Carts come in a compact footprint with undershelf Olympic tote storage available as an option. Choose from available sizes (below) or build your own cart by selecting shelves, posts and casters (page 2) and a handle (below).

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Model No.	Width/Length		Item	Approx. Pkd. Wt.	
	(in.)	(mm)		(lbs.)	(kg)
MQ1830CUC	18 x 30	457 x 760	Utility Cart	54.0	24.6
MQ1836CUC	18 x 36	457 x 914	Utility Cart	57.0	25.9
MQ2430CUC	24 x 30	610 x 760	Utility Cart	54.0	24.6
MQ2436CUC	24 x 36	610 x 914	Utility Cart	57.0	25.9

*Each utility cart includes 2 shelves, 4 posts (33"), one grounding cable, one handle, two swivel casters (5MDXAs) and two brake casters (5MDBXAs).



QESD Utility Cart
(shown with optional accessories)

• Handles — available in 18" or 24" widths. Type 304 stainless steel. Includes two (2) conductive tri-lobal adapters to attach handle to the posts.

Model No.	Length		Approx. Pkd. Wt.	
	(in.)	(mm)	(lbs.)	(kg)
MEH18S-ESD	18	457	1.45	.6
MEH24S-ESD	24	610	1.7	.8

Note: Can be used on MetroMax Q ESD units manufactured prior to May 2009.



MEH24S-ESD

Replacement Conductive Tri-Lobal Adapters

2 Pairs per bag.
Model No. MTLA-ESD



MTLA-ESD



METROMAX Q[®] ESD

Accessories

• **Super Slide**

Model No. QSS2NC
 Chrome-plated undershelf slide fits all 24" (610mm) wide QESD shelves. (10¹/₄"H. x 20³/₈"W. x 21⁵/₈"L.) (260 x 518x549mm)
 Accepts Olympic TB93000 Series totes.



QSS2NC

• **Grounding Cable and Universal Bracket**

Model No. GCB16SA
 Universal bracket fits wire and solid shelves, as well as open-wire frames.

• **QESD Conductive Releases and Wedges**

Model No. QESD-KIT
 ESD-safe components that can be retrofitted. Bag of 4 ESD releases and wedges.

• **Paperwork Basket**

Model No. QPH1239C
 Basket measures 2⁵/₈"W. x 12³/₄"L. x 8³/₄" (67 x 324 x 222mm) and is ideal for storing files and paperwork. Chrome-plated.



QPH1239C

• **ESD Label Holders**

Model No. Q04LHESD (4" [102mm] long)
 Model No. Q42LHESD (37" [940mm] long)
 *NOTE: Above label holders should be used with matted QESD shelves (page 2).
 Model No. 9990PESD (3" [76mm] long)
 Model No. 9990P6ESD (37" [940mm] long)
 *NOTE: Above label holders should be used with open-wire shelves.

• **Ledges** — 4¹/₂" (114mm) high shelf ledges clip onto shelf frames. Chrome plated.

Model No.	Length		Approx. Pkd. Wt.	
	(in.)	(mm)	(lbs.)	(kg)
Q18LC	18	457	1.1	0.5
Q24LC	24	610	1.6	0.7
Q30LC	30	760	1.8	0.8
Q36LC	36	914	2.2	1.0
Q48LC	48	1219	2.7	1.2
Q60LC	60	1524	3.6	1.6
Q72LC	72	1829	4.3	2.0

• **Dividers** — 8" (203mm) high dividers clip onto shelves. Chrome plated.

Model No.	Length		Approx. Pkd. Wt.	
	(in.)	(mm)	(lbs.)	(kg)
Q18DC	18	457	1.7	0.8
Q24DC	24	610	2.2	1.0