

ESK21A/M - January 3, 2019

Item # ESK21A/M was discontinued on January 3, 2019. For informational purposes, this is a copy of the website content at that time and is valid only for the stated product.

MECHANICAL ESSENTIALS KIT: PILLAR POST SYSTEM

- ▶ Kits Contain 125 or 132 Pieces
- ▶ Heavy-Duty, Welded Steel Cabinet Frame
- ▶ Cabinet Frame Can Be Wall Mounted or Stacked
- ▶ Equipped with Easy-to-Read Labels



ESK21A/M



See *Contents* Tab for the Items
Included in Each Kit



ESK15

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OVERVIEW

Features

- Imperial and Metric Kits
- Frame Dimensions (L x W x H): 17" x 11" x 11"
(432 mm x 279 mm x 279 mm)
- Drawer Dimensions (L x W x H): 10.56" x 5.19" x
3.06" (268 mm x 132 mm x 78 mm)
- Easy-to-Read Labels List Contents Each Drawer
- Increased Savings Over Individual Component Products

ESK21A/M will be retired without replacement when stock is depleted. If you require this part for line production, please contact our OEM Team.

**Limited
STOCK**



Click to Enlarge
ESK15 shown on an
RK4102 rack shelf,
which is installed in an
RK3884 19" rack.



Click to Enlarge
Slots on the rear
of the case allow
for wall
mounting.

These Pillar Post System Essentials Kits provide the components to build rigid supports for optical systems. All kits include Ø1" posts, construction cubes, and post clamps, while the ESK15 kit also includes bases. The pedestal posts can be placed with freedom using clamp forks, while the pillar posts can be screwed directly into the table, stacked as extensions to other Ø1" posts, or attached to bases. All kits come with extra drawer dividers and the ESK21A/M comes with customizable labels. Refer to the *Contents* tab above for detailed comparisons of the components included with each kit.

Mounting Options

The kits can be stored on a tabletop for easy, convenient access or placed on an RK4101 or RK4102 rack shelf, both of which can be installed in our RK3884 standard 19" rack. The image to the right shows an ESK15 kit as well as another custom-labeled S19909 cabinet installed in a 19" rack. The cabinet used in each Essential Series Kit features slots in the rear of the case (see image to far right) for wall mounting and features indentations on the top and four feet on the bottom for stable stacking. **Warning:** ESK15 (ESK15/M) weighs 47 lbs (21.3 kg) and ESK21A/M weighs 47.5 lbs (21.6 kg); ensure that the wall and wall mounts can support at least this weight before mounting the unit.

CONTENTS

Each kit includes an S19909 9-Drawer Cabinet. In cases where the metric and imperial kits contain parts with different item numbers, metric item numbers and measurements are indicated in parentheses.

Kit Components					
Posts					
ESK15(M)			ESK21A/M		
Item # and Description	Image	Quantity	Item # and Description	Image	Quantity
RS05 (R12/M) Ø1" Pillar Post Extension, Length = 0.5" (12 mm)		5	R12/M Ø1" Pillar Post Extension, Length = 0.5" (12 mm)		5
RS1 (RS25/M) Ø1" Pillar Post Extension, Length = 1" (25 mm)		5	RS25/M Ø1" Pillar Post Extension, Length = 1" (25 mm)		5
RS2 (RS50/M) Ø1" Pillar Post Extension, Length = 2" (50 mm)		5	RS50/M Ø1" Pillar Post Extension, Length = 2" (50 mm)		5
RS3 (RS75/M) Ø1" Pillar Post Extension, Length = 3" (75 mm)		5	RS75/M Ø1" Pillar Post Extension, Length = 3" (75 mm)		5
RS4 (RS100/M) Ø1" Pillar Post Extension, Length = 4" (100 mm)		3	RS100/M Ø1" Pillar Post Extension, Length = 4" (100 mm)		2
RS05P (RS05P/M) Ø1" Pedestal Pillar Post, Length = 0.5" (12 mm)		5	RS05P/M Ø1" Pedestal Pillar Post, Length = 0.5" (12 mm)		5
RS1P (RS1P/M) Ø1" Pedestal Pillar Post, Length = 1" (25 mm)		5	RS1P/M Ø1" Pedestal Pillar Post, Length = 1" (25 mm)		5
RS2P RS2P/M Ø1" Pedestal Pillar Post, Length = 2" (50 mm)		5	RS2P/M Ø1" Pedestal Pillar Post, Length = 2" (50 mm)		5
RS3P (RS3P/M) Ø1" Pedestal Pillar Post, Length = 3" (75 mm)		5	RS3P/M Ø1" Pedestal Pillar Post, Length = 3" (75 mm)		5
RS4P (RS4P/M) Ø1" Pedestal Pillar Post, Length = 4" (100 mm)		3	RS4P/M Ø1" Pedestal Pillar Post, Length = 4" (100 mm)		3
RS1M Ø1" Pillar Post Spacer, Length = 1 mm		5	RS3M Ø1" Pillar Post Spacer, Length = 3 mm		5

RS3M Ø1" Pillar Post Spacer, Length = 3 mm		5	RS5M Ø1" Pillar Post Spacer, Length = 5 mm		5
RS5M Ø1" Pillar Post Spacer, Length = 5 mm		5	RS8M Ø1" Pillar Post Spacer, Length = 8 mm		5
RS10M Ø1" Pillar Post Spacer, Length = 10 mm		5	RS10M Ø1" Pillar Post Spacer, Length = 10 mm		5
Clamping Forks and Bases					
ESK15(/M)			ESK21A/M		
Item # and Description	Image	Quantity	Item # and Description	Image	Quantity
CF125 Small Clamping Fork, 1.25" Counterbored Slot		10	CF125 Small Clamping Fork, 1.25" Counterbored Slot		10
CF175 Small Clamping Fork, 1.75" Counterbored Slot		5	CF175 Small Clamping Fork, 1.75" Counterbored Slot		10
PF175 Small Clamping Fork, Ø1.5" Pedestal Post		5	-	-	-
RSH2 (RSH2/M) Ø1" Post Holder with Flexure Lock, Pedestal Base, Length = 2" (50 mm)		3	-	-	-
RSH3 (RSH3/M) Ø1" Post Holder with Flexure Lock, Pedestal Base, Length = 3" (75 mm)		3	-	-	-
RB2 (RB2/M) Adjustable Height Post Base for Ø1" RS Series Post Extensions		2	-	-	-
BA2F (BA2F/M) Flexure Clamping Base		5	-	-	-
Construction Accessories					
ESK15(/M)			ESK21A/M		
Item # and Description	Image	Quantity	Item # and Description	Image	Quantity
RM1A (RM1A/M) Ø1" Post Clamp, 8-32 (M4) Tap, #8 (M4) Counterbore		5	RM1A/M Ø1" Post Clamp, 8-32 (M4) Tap, #8 (M4) Counterbore		10
RM1B (RM1B/M) Ø1" Post Clamp, 1/4"-20 Tap (M6), 1/4" (M6) Counterbore		5	RM1B/M Ø1" Post Clamp, 1/4"-20 Tap (M6), 1/4" (M6) Counterbore		10
RSA90 (RSA90/M) Right Angle Post Clamp for Ø1" Post		5	RM1C/M Pillar Post Angle C-Clamp with 8-32 (M4) Threaded Stud		5

RA90RS (RA90RS/M) Right-Angle Ø1" to Ø1/2" Post Clamp		5	RM1D/M Ø1" Adjustable Post Clamp, 8-32 (M4) Tap, #8 (M4) Counterbore		5
RM1F (RM1F/M) 1" Construction Cube with 1/4"-20 (M6) Tapped Holes		5	RM1F/M 1" Construction Cube with 1/4"-20 (M6) Tapped Holes		5
RM1G 1" Construction Cube, Three 1/4" (M6) Counterbored Holes		5	RM1G 1" Construction Cube, Three 1/4" (M6) Counterbored Holes		5
TRB2 (TRB2/M) Locking Ball and Socket Mount, 1/4"-20 (M6) Threaded		3	-	-	-

[Hide Smart Pack](#)

SMART PACK

Smart Pack

- Reduce Weight of Packaging Materials
- Increase Usage of Recyclable Packing Materials
- Improve Packing Integrity
- Decrease Shipping Costs




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ESK21A/M
Packaging

Thorlabs' Smart Pack Initiative is aimed at waste minimization while still maintaining adequate protection for our products. By eliminating any unnecessary packaging, implementing packaging design changes, and utilizing eco-friendly packaging materials for our customers when possible, this initiative seeks to improve the environmental impact of our product packaging. Products listed above are now shipped in re-engineered packaging that minimizes the weight and the use of non-recyclable materials.^b As we move through our product line, we will indicate re-engineered packages with our Smart Pack logo.

Item #	% Weight Reduction	CO ₂ -Equivalent Reduction ^a
ESK21A/M	83.10%	87.67 kg

- Travel-based emissions reduction calculations are estimated based on the total weight reduction of packaging materials used for all of 2013's product sales, traveling 1,000 miles on an airplane, to provide general understanding of the impact of packaging material reduction. Calculations were made using the EPA's shipping emissions values for different modes of transport.
- Some Smart Pack products may show a negative weight reduction percentage as the substitution of greener packaging materials, such as the Greenwrap, at times slightly increases the weight of the product packaging.

[Hide](#)

Part Number	Description	Price	Availability
ESK15/M	Pillar Post Essentials Kit, Metric and Universal Components, 132 Pieces	\$2,777.00	Today
ESK21A/M	Pillar Post Essentials Kit, Metric and Universal Components, 125 Pieces	\$2,563.89	Lead Time
ESK15	Pillar Post Essentials Kit, Imperial and Universal Components, 132 Pieces	\$2,777.00	Today

