

## ESK21A - September 25, 2018

Item # ESK21A was discontinued on September 25, 2018. 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

Kit Contains 125 Pieces

Stackable, Heavy-Duty Welded Steel Cabinet Frame

Cabinet Frame can be Wall Mounted or Stacked

Equipped with Easy-to-Read Labels



ESK21A

Kit Components



[Hide Overview](#)

#### OVERVIEW

##### Features

- Imperial and Metric Kits
- Fully Stocked and Labeled Cabinets
- Room-to-Grow Cabinet has 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)
- Clear Labels with Product Icons Facilitate the Process of Locating the Desired Part
- Greater than 10% Savings Over Individual Items



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

This Pillar Post System Essentials Kit provides the components to build an extremely stable optical platform. The kit includes the Ø1" posts, bases, construction cubes, and post clamps. In addition, the kit also includes our Pedestal-Style Post series and the corresponding clamping forks. These support posts add an ease of positioning that was not previously available in the Pillar Post System. The RB2 base design allows the extension posts to be used as a variable height mounting solution. Refer to the *Contents* tab above for detailed information about the components included with the imperial and metric versions of this kit.












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Application Idea: Use the RK4101 rack shelf to organize our ESK Series Essential Kits within our RK3884 standard 19" rack. Post-mounted optical elements can be stored in the 19" rack with the use of the RK4102 rack shelf as shown in the photo to the right.

All ESK Series Essentials Kits are equipped with easy-to-read labels complete with product icons, allowing quick access to all products housed within the kits. All ESK Series Cabinets have slots in the rear of the case, shown to the left, for wall mounting and feature indentations on the top and four feet on the bottom for stable stacking.

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#### CONTENTS

Item # in ESK21A (Imperial)	Item # in ESK21A/M (Metric)	Description	Image	Quantity
RS3M		Ø1" Pillar Post Spacer, Length = 0.12" (3 mm)	 <a href="#">Click to Enlarge</a>	5
RS5M		Ø1" Pillar Post Spacer, Length = 0.20" (5 mm)	 <a href="#">Click to Enlarge</a>	5
RS8M		Ø1" Pillar Post Spacer, Length = 0.31" (8 mm)	 <a href="#">Click to Enlarge</a>	5
RS10M		Ø1" Pillar Post Spacer, Length = 0.39" (10 mm)	 <a href="#">Click to Enlarge</a>	5
RS05P	RS05P/M	Ø1" Pedestal Pillar Post , Length = 0.5"	 <a href="#">Click to Enlarge</a>	5
RS1P	RS1P/M	Ø1" Pedestal Pillar Post , Length = 1"	 <a href="#">Click to Enlarge</a>	5
RS2P	RS2P/M	Ø1" Pedestal Pillar Post , Length = 2"	 <a href="#">Click to Enlarge</a>	5
RS3P	RS3P/M	Ø1" Pedestal Pillar Post , Length = 3"	 <a href="#">Click to Enlarge</a>	5
RS4P	RS4P/M	Ø1" Pedestal Pillar Post , Length = 4"	 <a href="#">Click to Enlarge</a>	3
RS05	RS12/M	Ø1" Pillar Post Extension, Length = 0.5" (12 mm)	 <a href="#">Click to Enlarge</a>	5

Item # in ESK21A (Imperial)	Item # in ESK21A/M (Metric)	Description	Image	Quantity
RS1	RS25/M	Ø1" Pillar Post Extension, Length = 1" (25 mm)	 <a href="#">Click to Enlarge</a>	5
RS2	RS50/M	Ø1" Pillar Post Extension, Length = 2" (50 mm)	 <a href="#">Click to Enlarge</a>	5
RS3	RS75/M	Ø1" Pillar Post Extension, Length = 3" (75 mm)	 <a href="#">Click to Enlarge</a>	5
RS4	RS100/M	Ø1" Pillar Post Extension, Length = 4" (100 mm)	 <a href="#">Click to Enlarge</a>	2
CF125		Small Clamping Fork, 1.25" Counterbored Slot, Universal	 <a href="#">Click to Enlarge</a>	10
CF175		Small Clamping Fork, 1.75" Counterbored Slot, Universal	 <a href="#">Click to Enlarge</a>	10
RM1A	RM1A/M	1" Post Clamp with 8-32 Mounting	 <a href="#">Click to Enlarge</a>	10
RM1B	RM1B/M	1" Post Clamp with 1/4"-20 Mounting	 <a href="#">Click to Enlarge</a>	10
RM1C	RM1C/M	Pillar Post Angle C-Clamp with 8-32 Threaded Stud	 <a href="#">Click to Enlarge</a>	5
RM1D	RM1D/M	Adjustable Height C-Clamp, #8 Clearance	 <a href="#">Click to Enlarge</a>	5



Item # in ESK21A (Imperial)	Item # in ESK21A/M (Metric)	Description	Image	Quantity
RM1F	RM1F/M	1" Construction Cube with 1/4"-20 Tap Holes	 Click to Enlarge	5
RM1G		1" Construction Cube with Counterbored Clearance Holes	 Click to Enlarge	5
S19909		9 Drawer Stackable Cabinet	 Click to Enlarge	1

[Hide Smart Pack](#)

SMART PACK

### Smart Pack

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

Click to Enlarge ESK21A 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.<sup>b</sup> As we move through our product line, we will indicate re-engineered packages with our Smart Pack logo.

Item #	% Weight Reduction	CO <sub>2</sub> -Equivalent Reduction <sup>a</sup>
ESK21A	83.10%	54.98 kg
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 Numbers](#)

Part Number	Description	Price	Availability
ESK21A/M	Pillar Post Essentials Kit, Metric and Universal Components	\$2,563.89	Today
ESK21A	Pillar Post Essentials Kit, Imperial and Universal Components	\$2,563.89	3-5 Days

Visit the *Mechanical Essentials Kit: Pillar Post System* page for pricing and availability information:  
[https://www.thorlabs.com/newgroupage9.cfm?objectgroup\\_id=1316](https://www.thorlabs.com/newgroupage9.cfm?objectgroup_id=1316)

