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Performance™ Series of Optical Breadboards (Page 1 of 2)

Thorlabs' Performance Series of optical breadboards is a good choice for less demanding applications (for more demanding applications, please consider our PerformancePlus™ breadboards on pages 8 - 9). A favorite of OEMs, these all-steel breadboards are also an ideal laboratory platform for optical and laser experiments in stable environments. Since prices and shipping method vary based on size and weight, please contact your local sales office for a quotation including shipping.

- Athermalized Design for Excellent Thermal Stability
- Minimal Deflection Under Load (Technical Details can be Found on Our Website)
- Plated Steel Honeycomb Core and Internal Damping Provide Both Static and Dynamic Rigidity
- Magnetic Stainless Steel Top and Bottom Plate
- Our State-of-the-Art Material and a Thermal Bonding Process Achieve an Excellent Surface Flatness



Specifications

- **Hole Spacing**
 - Imperial: 1/4"-20 on 1" Centers
 - Metric: M6 on 25 mm Centers
- **Flatness:** ±0.004" (±0.10 mm) Over any 1 ft² (0.3 m²) Area
- **Thickness:** (2.4") 60 mm or (4.3") 110 mm
- **Construction:** Double-Plated, Single Honeycomb-Core, Athermalized Design
- **Core:** High-Density Plated Steel Honeycomb
- **Top Plate:** Magnetic Stainless Steel, 3/16" (5 mm) Thick, Brushed Finish
- **Bottom Plate:** Magnetic Stainless Steel, 3/16" (5 mm) Thick
- **Sides:** Black Laminated Steel
- **Mounting Holes:** Not Sealed
- **Edge of Top Plate to First Hole**
 - Imperial: 2"
 - Metric: 50 mm

Frames Starting on Page 11
ScienceDesks Starting on Page 27

Other Sizes Available
up to 4' x 8'
(1250 mm x 2500 mm)

Have a few
weeks?

Get any
size you
want

Imperial Performance™ Breadboards, 2.4" Thick

ITEM #	\$	£	€	RMB	DIMENSIONS	WEIGHT**
PBH11101	\$ 367.80	£ 264.82	€ 319.99	¥ 2,931.37	1' x 1' x 2.4"	22 lbs/10 kg
PBH11102	\$ 478.80	£ 344.74	€ 416.56	¥ 3,816.04	2' x 1' x 2.4"	41.8 lbs/19 kg
PBH11122	\$ 581.80	£ 418.90	€ 506.17	¥ 4,636.95	2' x 1.5' x 2.4"	57.2 lbs/26 kg
PBH11105	\$ 702.60	£ 505.87	€ 611.26	¥ 5,599.72	2' x 2' x 2.4"	79.2 lbs/36 kg
PBH11110	\$ 933.80	£ 672.34	€ 812.41	¥ 7,442.39	2.5' x 2.5' x 2.4"	123.2 lbs/56 kg
PBH11103	\$ 590.00	£ 424.80	€ 513.30	¥ 4,702.30	3' x 1' x 2.4"	61.6 lbs/28 kg
PBH11106*	\$ 923.80	£ 665.14	€ 803.71	¥ 7,362.69	3' x 2' x 2.4"	114.4 lbs/52 kg
PBH11111*	\$ 1,090.80	£ 785.38	€ 949.00	¥ 8,693.68	3' x 2.5' x 2.4"	147.4 lbs/67 kg
PBH11114	\$ 1,258.40	£ 906.05	€ 1,094.81	¥ 10,029.45	3' x 3' x 2.4"	173.8 lbs/79 kg
PBH11107	\$ 1,144.50	£ 824.04	€ 995.72	¥ 9,121.67	4' x 2' x 2.4"	151.8 lbs/69 kg
PBH11112*	\$ 1,366.30	£ 983.74	€ 1,188.68	¥ 10,889.41	4' x 2.5' x 2.4"	193.6 lbs/88 kg
PBH11115*	\$ 1,589.10	£ 1,144.15	€ 1,382.52	¥ 12,665.13	4' x 3' x 2.4"	226.6 lbs/103 kg
PBH11108	\$ 1,365.50	£ 983.16	€ 1,187.99	¥ 10,883.04	5' x 2' x 2.4"	189 lbs/86 kg
PBH11113	\$ 1,605.20	£ 1,155.74	€ 1,396.52	¥ 12,793.44	5' x 2.5' x 2.4"	235.4 lbs/107 kg
PBH11116	\$ 1,920.50	£ 1,382.76	€ 1,670.84	¥ 15,306.39	5' x 3' x 2.4"	279.4 lbs/127 kg
PBH11117	\$ 2,251.90	£ 1,621.37	€ 1,959.15	¥ 17,947.64	6' x 3' x 2.4"	341 lbs/155 kg
PBH11120	\$ 2,916.40	£ 2,099.81	€ 2,537.27	¥ 23,243.71	6' x 4' x 2.4"	473 lbs/215 kg

* These breadboards are compatible with our ScienceDesk™ Workstations. See pages 27 - 34 to learn more.

** The weights given are for the breadboards alone and do not include packaging.