

ScienceDesk™

Breadboards

Breadboard
Supports

Optical Tables

Table Supports

Non-Magnetic

Tables & Breadboards

UltraLight™ Series Optical Breadboards

Specifications

- **Flatness:** $\pm 0.15\text{mm}$ (0.006") Over Any 0.30m^2 Area
- **Construction:** Double-Plate, Single Honeycomb-Core, Athermalized Design
- **Outer Plates:** Top 6mm (1/4") Thick, Bottom 3mm (1/8") Thick
- **Mounting Hole Spacing:**
 - Imperial: 1/4"-20 on 1" Centers
 - Metric: M6 on 25mm Centers
- **Edge of Top Plate to First Hole:**
 - Imperial: 1"
 - Metric: 25mm
- **Maximum Screw Depth:** 16mm (5/8") From Breadboard Surface

All Aluminum
Construction

Nonmagnetic UltraLight™ optical breadboards, with their high strength-to-weight ratio and excellent thermal stability, are ideal for optical setups where portability and dynamic rigidity are important. They are typically used as replacements for steel breadboards as well as for applications demanding a totally nonmagnetic structure.

UltraLight™ Breadboards, 1" Thick – Stocked for Immediate Shipment

ITEM#	\$	£	€	RMB	DIMENSIONS	WEIGHT*
PBG11101	\$ 586.50	£ 369.50	€ 545.40	¥ 5,601.10	1' x 1' x 1"	7lbs/3kg
PBG11102	\$ 651.10	£ 410.20	€ 605.50	¥ 6,218.00	2' x 1' x 1"	11lbs/5kg
PBG11104	\$ xxx.xx	£ xxx.xx	€ xxx.xx	¥ xxxxxx	4' x 1' x 1"	22lbs/4kg
PBG11118	\$ 722.50	£ 455.20	€ 671.90	¥ 6,899.90	2' x 1.5' x 1"	30lbs/14kg
PBG11105	\$ 793.90	£ 500.20	€ 738.30	¥ 7,581.70	2' x 2' x 1"	20lbs/9kg
PBG11103	\$ 717.40	£ 452.00	€ 667.20	¥ 6,851.20	3' x 1' x 1"	15lbs/7kg
PBG11106	\$ 904.40	£ 569.80	€ 841.10	¥ 8,637.00	3' x 2' x 1"	29lbs/13kg
PBG11110	\$ 1,011.50	£ 637.20	€ 940.70	¥ 9,659.80	3' x 2.5' x 1"	35lbs/16kg
PBG11112	\$ 1,101.60	£ 694.00	€ 1,024.50	¥ 10,520.30	3' x 3' x 1"	42lbs/19kg
PBG11107	\$ 1,020.00	£ 642.60	€ 948.60	¥ 9,741.00	4' x 2' x 1"	38lbs/17kg
PBG11111	\$ 1,152.60	£ 726.10	€ 1,071.90	¥ 11,007.30	4' x 2.5' x 1"	46lbs/21kg
PBG11113	\$ 1,264.80	£ 796.80	€ 1,176.30	¥ 12,078.80	4' x 3' x 1"	55lbs/25kg
PBG11114	\$ 1,458.60	£ 918.90	€ 1,356.50	¥ 13,929.60	5' x 3' x 1"	66lbs/30kg
PBG11117	\$ 1,973.70	£ 1,243.40	€ 1,835.50	¥ 18,848.80	6' x 4' x 1"	180lbs/82kg

*These are net weights

UltraLight™ Breadboards, 2.2" Thick – Stocked for Immediate Shipment

ITEM#	\$	£	€	RMB	DIMENSIONS	WEIGHT*
PBG12102	\$ 678.30	£ 427.30	€ 630.80	¥ 6,477.80	2' x 1' x 2.2"	13lbs/6kg
PBG12104	\$ 974.10	£ 613.70	€ 905.90	¥ 9,302.70	4' x 1' x 1"	26lbs/12kg
PBG12109	\$ 974.10	£ 613.70	€ 905.90	¥ 9,302.70	2.5' x 2.5' x 2.2"	38lbs/17kg
PBG12103	\$ 748.00	£ 471.20	€ 695.60	¥ 7,143.40	3' x 1' x 2.2"	18lbs/8kg
PBG12106	\$ 936.70	£ 590.10	€ 871.10	¥ 8,945.50	3' x 2' x 2.2"	35lbs/16kg
PBG12118	\$ 753.10	£ 474.50	€ 700.40	¥ 7,192.10	2' x 1.5' x 2.2"	26lbs/12kg
PBG12111	\$ 1,183.20	£ 745.40	€ 1,100.40	¥ 11,299.60	4' x 2.5' x 2.2"	60lbs/27kg
PBG12113	\$ 1,297.10	£ 817.20	€ 1,206.30	¥ 12,387.30	4' x 3' x 2.2"	71lbs/32kg

*These are net weights

IR Cards &
Alignment
Disks

Detector Card

- VGUIV
- VGVIS/IR
- VGUISSO

Always take appropriate safety
precautions when working with lasers

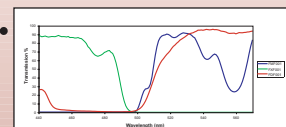
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High Resolution CCD Cameras, Sensitive
Detectors and Photomultiplier Tubes

Motor and Piezo Driven Stages and Controllers

Mounts and
Accessories

Putting it all together

Microscopy Accessories
Page 623Emission and Extinction
Filters and Filter WheelsHigh Power LEDs Designed
to Mount into Popular
Microscopes