

Tables & Breadboards

ScienceDesk™

Breadboards

Breadboard Supports

Optical Tables

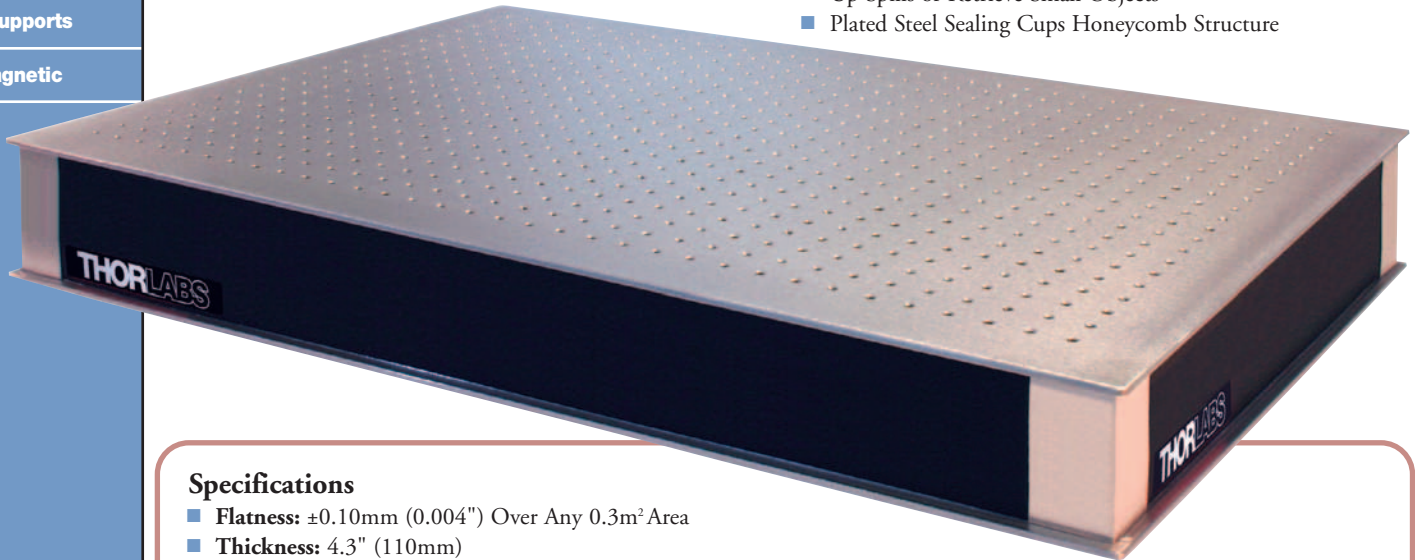
Table Supports

Non-Magnetic

PerformancePlus™ Series Optical Breadboards – 4.3" Thick (110mm)

PerformancePlus™ Optical Breadboards are designed specifically for demanding R&D applications. They combine all the features of the Performance™ breadboards but with enhanced damping, increased rigidity, and sealed mounting holes.

- Triple-Plated StableTop™ Construction Significantly Increases Rigidity
- Enhanced Damping Improves Dynamic Performance for the Most Critical Laboratory Applications
- Sealed Mounting Holes Make it Simple to Contain and Clean Up Spills or Retrieve Small Objects
- Plated Steel Sealing Cups Honeycomb Structure



Specifications

- **Flatness:** ±0.10mm (0.004") Over Any 0.3m² Area
- **Thickness:** 4.3" (110mm)
- **Construction:** Triple-Plated, Double Honeycomb-Core, Athermalized Design with Matching Plate Materials for Maximum Thermal Stability
- **Main Core:** High-Density Plated Steel Honeycomb
- **Intermediate Core:** Plated Steel Sealing Cup Honeycomb Structure, 13mm (0.15") Thick; Cell Size Approximately 1.6cm² (0.25in²)
- **Top Plate:** Magnetic Stainless Steel, 5mm (3/16") Thick, Brush Finished
- **Bottom Plate:** Magnetic Stainless Steel, 5mm (3/16") Thick
- **Sides:** Black Laminated Steel
- **Damping:** Enhanced
- **Mounting Hole:**
 - Imperial: 1/4"-20 on 1" Centers
 - Metric: M6 on 25mm Centers
- **Edge of Top Plate to First Hole:**
 - Imperial: 2"
 - Metric: 50mm
- **Maximum Screw Depth:** 16mm (5/8") From Breadboard Surface

PerformancePlus™ features enhanced damping, increased rigidity, and sealing cups.

PerformancePlus™ Optical Breadboards, 4.3" Thick – Call for Lead Time

ITEM#	\$	£	€	RMB	DIMENSIONS	WEIGHT
PBI12110	\$ 1,018.30	£ 641.50	€ 947.00	¥ 9,724.80	2.5' x 2.5' x 4.3"	181lbs/82kg
PBI12112	\$ 1,518.10	£ 956.40	€ 1,411.80	¥ 14,497.90	4' x 2.5' x 4.3"	281lbs/127kg
PBI12115	\$ 1,677.90	£ 1,057.10	€ 1,560.40	¥ 16,023.90	4' x 3' x 4.3"	327lbs/148kg
PBI12113	\$ 1,691.50	£ 1,065.60	€ 1,573.10	¥ 16,153.80	5' x 2.5' x 4.3"	338lbs/153kg
PBI12109	\$ 1,718.70	£ 1,082.80	€ 1,598.40	¥ 16,413.60	6' x 2' x 4.3"	338lbs/153kg
PBI12117	\$ 2,210.00	£ 1,392.30	€ 2,055.30	¥ 21,105.50	6' x 3' x 4.3"	477lbs/216kg

*These breadboards can be used with our ScienceDesk™ workstations. See pages 2-7 to learn more.

PerformancePlus™ Optical Breadboards, 110nm Thick – Call for Lead Time

ITEM#	\$	£	€	RMB	DIMENSIONS	WEIGHT
PBI52510	\$ 1,018.30	£ 641.50	€ 947.00	¥ 9,724.80	750 x 750 x 110mm	181lbs/82kg
PBI52506	\$ 1,128.80	£ 711.10	€ 1,049.80	¥ 10,780.00	900 x 600 x 110mm	181lbs/82kg
PBI52511	\$ 1,334.50	£ 840.70	€ 1,241.10	¥ 12,744.50	900 x 750 x 110mm	216lbs/98kg
PBI52507	\$ 1,286.90	£ 810.70	€ 1,196.80	¥ 12,289.90	1200 x 600 x 110mm	231lbs/105kg
PBI52512	\$ 1,518.10	£ 956.40	€ 1,411.80	¥ 14,497.90	1200 x 750 x 110mm	280lbs/127kg
PBI52523	\$ 2,119.90	£ 1,335.50	€ 1,971.50	¥ 20,245.00	1250 x 1250 x 110mm	463lbs/210kg
PBI52517	\$ 2,210.00	£ 1,392.30	€ 2,055.30	¥ 21,105.50	1800 x 900 x 110mm	419lbs/190kg
PBI52525	\$ 2,747.20	£ 1,730.70	€ 2,554.90	¥ 26,235.80	1800 x 1250 x 110mm	650lbs/295kg

*These breadboards can be used with our ScienceDesk™ workstations. See pages 2-7 to learn more.

PerformancePlus™ Series Optical Breadboards – 4.3" (110mm) Thick

Metric PerformancePlus™ Optical Breadboards, 110mm Thick – Stocked for Immediate Shipment

ITEM#	\$	£	€	RMB	DIMENSIONS	WEIGHT
PBI52515	\$ 1,677.90	£ 1,057.10	€ 1,560.40	¥ 16,023.90	1200 x 900 x 110mm	326lbs/148kg
PBI52513	\$ 1,691.50	£ 1,065.60	€ 1,573.10	¥ 16,153.80	1500 x 750 x 110mm	337lbs/153kg
PBI52516	\$ 1,876.80	£ 1,182.40	€ 1,745.40	¥ 17,923.40	1500 x 900 x 110mm	397lbs/180kg

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- ScienceDesk™
- Breadboards
- Breadboard Supports
- Optical Tables
- Table Supports
- Non-Magnetic

Continuously Tunable, External Cavity, Diode Lasers

**INTUN™ Series
Tunable Laser
TL1550-T**



Benchtop Model:

- 5-20mW of Power (Model Dependent)
- 120kHz Spectral Line Width (typ.)
- Patented Inductive Scanning Motor
- Compatible with SM1 and 30mm Cage Systems
- Available with Fiber Coupled Output (–SM or –PM)
- Digital RS-232 (-B) or Analog (-T) Control Interface

OEM Model:

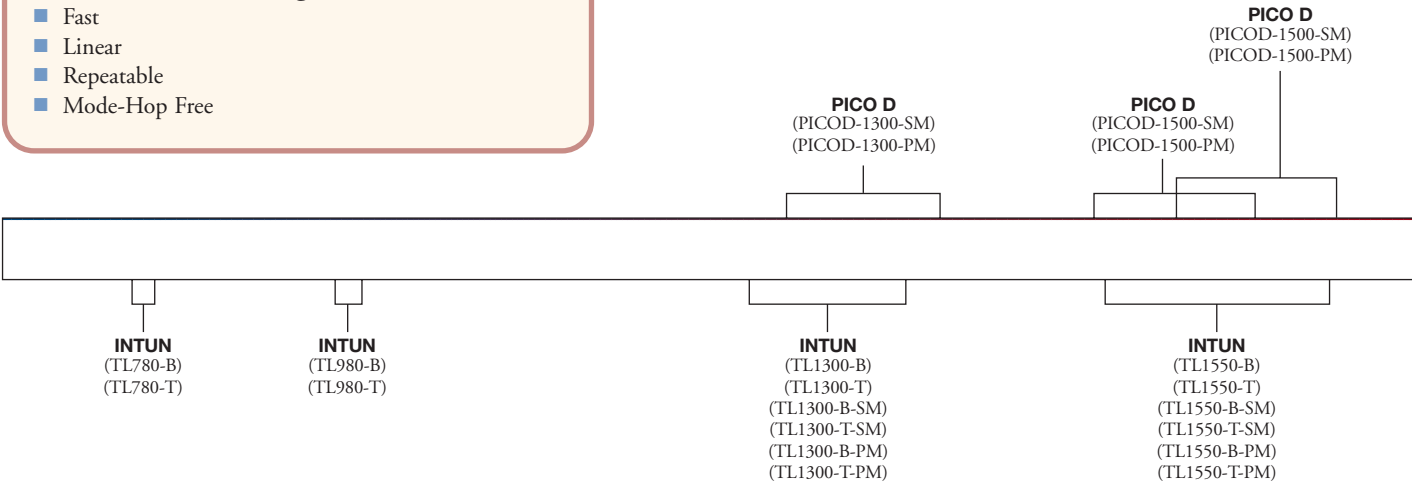
- Output Power >5dBm Across Tuning Range
- 150kHz Spectral Line Width (max.)
- Patented Inductive Scanning Motor
- PM or SM Fiber Output
- Compact Size (49 x 93 x 273mm)



PICOD-SM

Scan Features Due to the Patented Inductive Motor Design

- Fast
- Linear
- Repeatable
- Mode-Hop Free



**For More Information on Our Tunable Laser Sources
See Pages 534-549**

INTUN
Custom Wavelengths Available:
780–1100nm and 1200–1650nm