



Optical Tables

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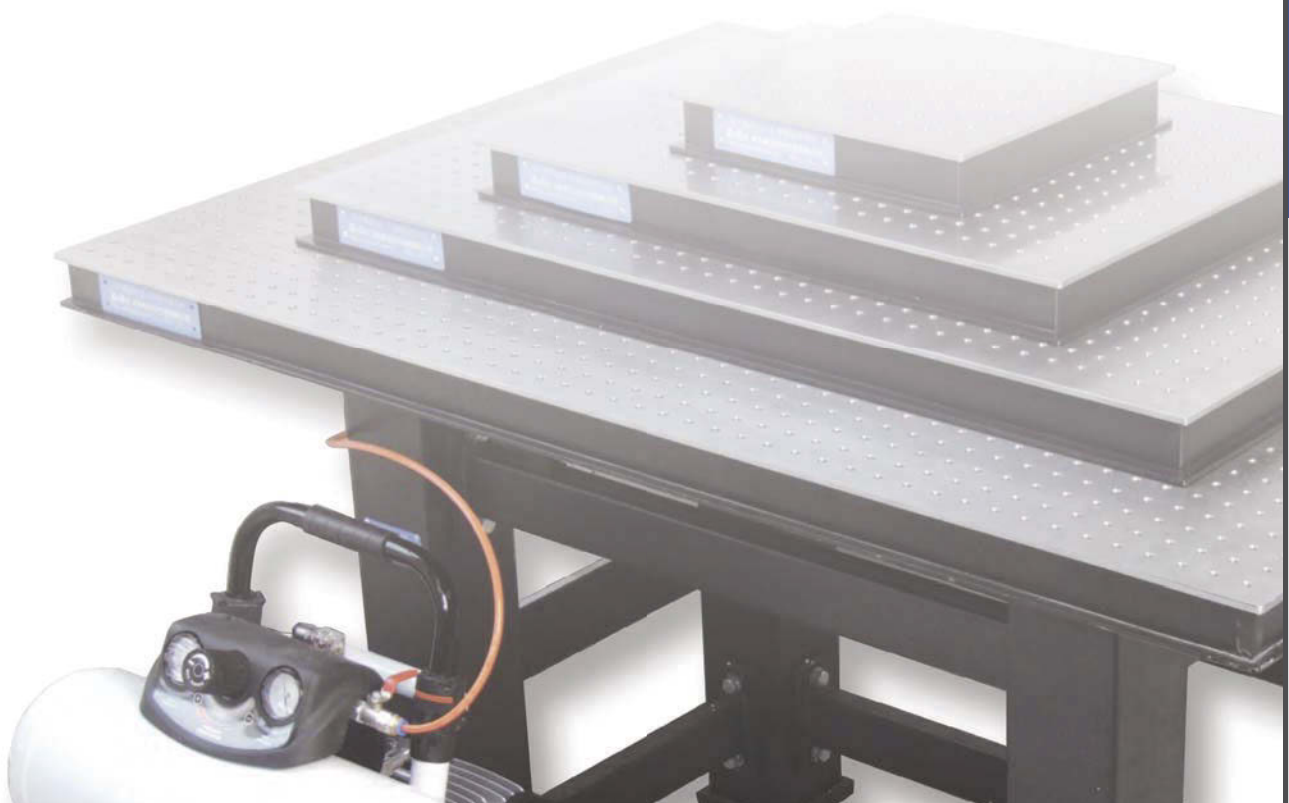
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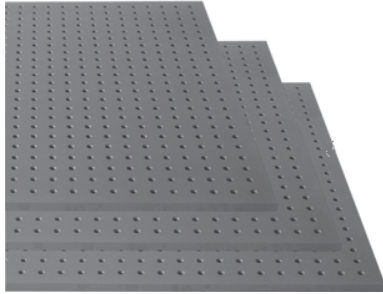
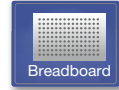
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Solid Aluminum Optical Breadboards

OTSB Series Solid Aluminum Optical Breadboards, 13mm Thickness



Specification:

- Thickness: 13mm
- Flatness: 0.3mm/600mmx600mm
- Pitch: 25mmx25mm
- Screw: M6
- Weight: 3kg/300mmx300mm

Model Sheet:

Model	Platform size	Size(mm)
OTSB33 -1	300x300	300 × 300 × 13
OTSB345 -1	300x450	300 × 450 × 13
OTSB36 -1	300x600	300 × 600 × 13
OTSB4545-1	450x450	450 × 450 × 13
OTSB456 -1	450x600	450 × 600 × 13
OTSB66 -1	600x600	600 × 600 × 13

Accessories:



OTSB-HD100 Al Alloy Breadboard Handle



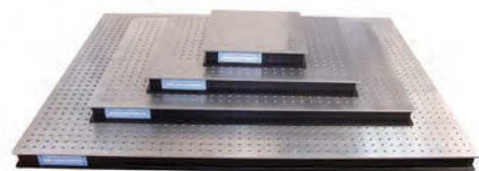
RBL Rubber Feet

Customize Products:

Model	Specification
OTSB33-E6.35	300 × 300 × 13mm, 1/4" Screw
DZOTSB36-25.4-M6	300 × 600 × 13mm, Pitch 25.4mm, M6
DZOTSB456-19	450 × 600 × 19mm, Pitch 25.4mm, M6

Ferromagnetic Stainless Steel Breadboards

OTBB Series Ferromagnetic Stainless Steel Breadboard, 50mm Thickness



Specification:

- Width: 50mm
- Flatness: 0.1mm/600mmx600mm
- Pitch: 25mmx25mm
- Screw : M6
- Weight : 11.5kg/300mmx300mm

Model Sheet:

Model	Platform size(mm)	Platform Width(mm)
OTBB33 -1	300x300	50
OTBB36 -1	300x600	
OTBB39 -1	300x900	
OTBB312 -1	300x1200	
OTBB66 -1	600x600	
OTBB69 -1	600x900	
OTBB612 -1	600x1200	
OTBB615 -1	600x1500	
OTBB618 -1	600x1800	
OTBB99 -1	900x900	
OTBB912 -1	900x1200	
OTBB915 -1	900x1500	
OTBB918-1	900x1800	
OTBB1212 -1	1200x1200	100
OTBB1218 -1	1200x1800	

Accessories:



RBL Rubber Feet



Rubber Mat

Customize Products:

Model	Specification
OTBB918-1	900×1800×100mm
OTBB1218-1	1200×1800×100mm
OTBB812-1	800×1200×50mm

Vibration Isolation Tables

OTBB&OTBS Damping Vibration Isolation Table



Characteristic:

- Thickness: 50mm
- Height: 750mm(including 50mm thickness of table top)
- Natural Frequency: <9-30Hz
- Adustable height: +30~-10mm

Model Sheet:

Model	Model of Breadboard Specification
OTBS36-1	OTBB36-1、OTBB39-1、OTBB456-1、OTBB459-1
OTBS66-1	OTBB66-1
OTBS69-1	OTBB69-1、OTBB99-1
OTBS12-1	OTBB612-1、OTBB615-1
OTBS1218-1	OTBB912-1、OTBB915-1、OTBB1212-1



Accessories Specification:



Model Sheet:

Model	Specification
DZOTBS69-440/500/900/1100	different height of optical supports

Vibration Isolation Tables

OTPOT Series Solid Damping Vibration Isolation Optical Table



Specification:

- Table structure : three layer
- Table top : thickness: 4-6mm, 1Cr13 Ferromagnetic stainless steel
- Bottom of table : 4-6mm, Carbon Steel;Surface spray treatment of melamin
- Thickness of table : 100/200/300mm, more details, please see below information
- Flatness : 0.02-0.05mm/600mmx600mm, more advanage than foreign level
- Natural frequency : <7Hz
- Total height (table and support): 800mm, range of adjustment : -20-+30mm
- Pitch : 25mmx25mm;
- Screw : M6
- Weight : Thickness 100mm: 120kg/m²
- Thickness 200mm: 140kg/m²
- Thickness 300mm: 167kg/m²

Model Sheet:

Model	Three-dimensional size(mm)	Platform Thickness (mm)	Platform Weight(Kg)	Table Foot Area (mm*mm)	support-H (mm)	Support structure
OTPOT06-06	600×600×800	100	41	100*100	700	4
OTPOT075-075	750×750×800	100	65	100*100	700	4
OTPOT09-06	900×600×800	100	60	100*100	700	4
OTPOT10-07	1000×700×800	100	81	100*100	700	4
OTPOT10-08	1000×800×800	100	90	100*100	700	4
OTPOT12-08	1200×800×800	100	106	100*100	700	4
OTPOT15-09	1500×900×800	200	190	200*200	600	4
OTPOT15-10	1500×1000×800	200	206	200*200	600	4
OTPOT16-09	1600×900×800	200	200	200*200	600	4
OTPOT18-12	1800×1200×800	200	297	200*200	600	4
OTPOT20-10	2000×1000×800	200	289	200*200	600	4
OTPOT20-12	2000×1200×800	200	332	200*200	600	4
OTPOT24-12	2400×1200×800	200	393	200*200	600	4
OTPOT30-10	3000×1000×800	200	426	200*200	600	4
OTPOT30-12	3000×1200×800	300	598	200*200	500	4
OTPOT30-15	3000×1500×800	300	739	200*200	500	4
OTPOT35-12	3500X1200X800	300	700	200*200	500	4/6
OTPOT35-15	3500X1500X800	300	865	200*200	500	4/6

OTR Series Solid Damping Vibration Isolation Optical Table



Specification:

- Natural frequency : vertical : <5-8Hz
- Table structure : three layer
- Table top : thickness: 4-6mm
- Bottom of table : 4-6mm,Carbon Steel;Surface spray treatment of melanin
- Side : internal: Carbon plate
- External:Black aluminum plate
- Corners: stainless steel
- Total height (table and support): 800mm, range of adjustment : -20---+20mm
- Flatness: 0.02-0.05mm/600x600mm
- Pitch :25mmx25mm;
- Screw :M6
- Weight : Thickness 100mm: 120kg/m²
Thickness 200mm: 140kg/m²
Thickness 300mm: 167kg/m²

Model Sheet:

Model	Three-dimensional size(mm)	Platform Thickness (mm)	Platform Weight(Kg)	Table Foot Area (mm*mm)	support-H (mm)	Support structure
OTR06-06	600×600×800	100	41	100×100	700	4
OTR075-075	750×750×800	100	65	100×100	700	4
OTR09-06	900×600×800	100	60	100×100	700	4
OTR10-07	1000×700×800	100	81	100×100	700	4
OTR10-08	1000×800×800	100	90	100×100	700	4
OTR12-08	1200×800×800	100	106	100×100	700	4
OTR15-09	1500×900×800	200	190	200×200	600	4
OTR15-10	1500×1000×800	200	206	200×200	600	4
OTR16-09	1600×900×800	200	200	200×200	600	4
OTR18-12	1800×1200×800	200	297	200×200	600	4
OTR20-10	2000×1000×800	200	289	200×200	600	4
OTR20-12	2000×1200×800	200	332	200×200	600	4
OTR24-12	2400×1200×800	200	393	200×200	600	4
OTR30-10	3000×1000×800	200	426	200×200	600	6
OTR30-12	3000×1200×800	300	598	200×200	500	6
OTR30-15	3000×1500×800	300	739	200×200	500	6
OTR35-12	3500×1200×800	300	700	200×200	500	6
OTR35-15	3500×1500×800	300	865	200×200	500	6
OTR40-15	4000×1500×800	300	989	200×200	500	6
OTR48-15	4800×1500×800	300	1185	200×200	500	6

Biomed-R Damping Vibration Isolation Biomedical Optical Table



Specification:

- The thickness of table top is 75mm
- Natural frequency is <5-8Hz
- Table top : thickness: 4-6mm, 1Cr13 Ferromagnetic stainless steel
- Bottom of table : 4-6mm, Carbon Steel; Surface spray treatment of melanin
- Flatness : 0.02-0.05mm/600mmx600mm,
- The length of table top&legs is 750mm; The height range is -20-----+20mm
- Pitch: 25x25mm, M6 screw;
- Weight of table top is 125Kg/m²

Model Sheet:

Model	Table top size(mm)	Specification of table(mm)	Weight of table top(Kg)
BioMed-R1007	1000x700x75	1170x890x750	94
BioMed-R1207	1200x700x75	1370x890x750	113

ZVB Series Pneumatic Vibration Isolation Optical Table



Specification:

- Natural frequency : vertical : 1.2-1.5hz; horizontal : 1.5-1.7hz
- Self-balance, short response time, high speed balance
- Silence free oil compressor , presurre : 3-7kgf/cm²
- Pneumatic support: two payer, three import valves, 4 or 6 gasbag
- Table structure : three layer
- Table top : thickness: 4-6mm, 1Cr13 Ferromagnetic stainless steel
- Internal support of table top : steel honeycomb structure
- Bottom of table : 4-6mm, Carbon Steel;Surface spray treatment of melanin
- Side : internal: Carbon plate
- External: Black aluminum plate
- Corners: stainless steel
- Total height (table and support): 800mm, range of adjustment : -10-----+10mm
- Pitch : 25mmx25mm;
- Screw : M6
- Weight : Thickness 100mm: 120kg/m²
- Thickness 200mm: 140kg/m²
- Thickness 300mm: 167kg/m²

Model Sheet:

Model	Three-dimensional size(mm)	Platform Thickness (mm)	Platform Weight(Kg)	Table Foot Area (mm*mm)	support-H (mm)	Support structure
ZVB09-06	900×600×800	100	60	100*100	700	4
ZVB10-07	1000×700×800	100	81	100*100	700	4
ZVB10-08	1000×800×800	100	90	100*100	700	4
ZVB12-08	1200×800×800	100	106	100*100	700	4
ZVB15-09	1500×900×800	200	190	200*200	600	4
ZVB15-10	1500×1000×800	200	206	200*200	600	4
ZVB16-09	1600×900×800	200	200	200*200	600	4
ZVB18-12	1800×1200×800	200	297	200*200	600	4
ZVB20-10	2000×1000×800	200	289	200*200	600	4
ZPT20-12	2000×1200×800	200	332	200*200	600	4
ZVB24-12	2400×1200×800	200	393	200*200	600	4
ZVB30-10	3000×1000×800	200	426	200*200	600	4/6
ZVB30-12	3000×1200×800	300	598	200*200	500	4/6
ZPT30-15	3000×1500×800	300	739	200*200	500	4

Accessories

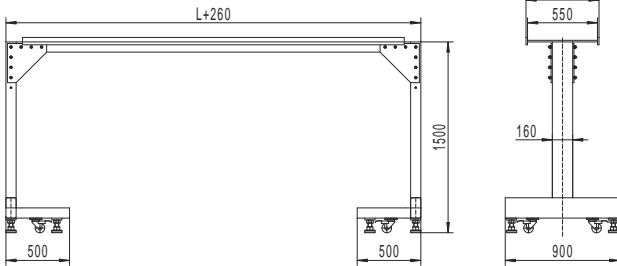
OTSS (Optical Table Shelf System)



This shelf is very convenient for customer to operate optical table; Controller, PC and related products that they will be used in Lab can be put on this shelf.

Model Sheet:

Model	Length L(mm)	Note
OTSS-15	1500	Applicable for Length 1500mm optical table
OTSS-18	1800	Applicable for Length 1800mm optical table
OTSS-20	2000	Applicable for Length 2000mm optical table
OTSS-24	2400	Applicable for Length 2400mm optical table
OTSS-30	3000	Applicable for Length 3000mm optical table
OTSS-35	3500	Applicable for Length 3500mm optical table



OTSB-HD100 Al Alloy Breadboard Handle



- Load of Handle :30Kg
- Fix by M6 screw

RBP Rubber Mat



- Material: Rubber
- Thickness:<5mm

Model Sheet:

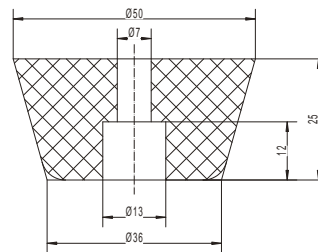
Model	Size (mm)
RBP100100-5	100×100×5
RBP200200-5	200×200×5

RBL Rubber Feet



- Material: Rubber

Drawing:



OTWR Pneumatic Vibration Isolation Table Armrest



Specification:

The armrest has solve the problem that user cannot put the hand on to the table when operat it ;User can put the hand on thr armrest and take a rest, then make the lab good condition

Model	Applicable Table
OTWR-ZVB10	ZVB10-07、ZVB10-08
OTWR-ZVB12	ZVB10-08

Aircompressor

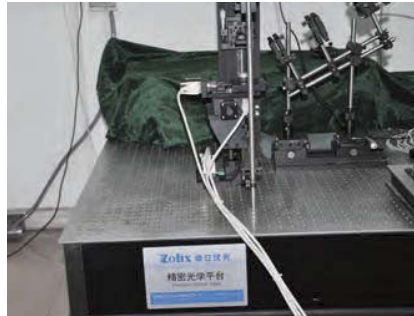


Specification:

- The rated working voltage: 220v ± 10%, 50hz
- Output power/rotating speed: 550w/1400r/min
- The start pressure(in running): 0.45Mpa(0.1~0.8Mpa)
- The stop pressure(in running): 0.75Mpa
- The max. Working pressure: 1mpa
- Gas displacement: 60l/min
- The tank cubage: 16l(0.016 M³)
- Noise: ≤65db



Application examples



Optical Breadboards

Damping Vibration Isolation Optical Tables

Hydraulic Vibration Isolation Optical Tables

Special Optical Tables

Accessories