

Table Top Platforms and Table Top Plates

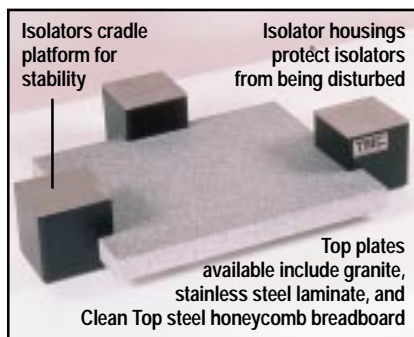


Table Top Platforms

- Available with choice of granite, stainless steel laminate or Clean Top steel honeycomb breadboard top plate
- Available with 3 or 4 isolators for desired configuration and load

These Table Top Platforms effectively isolate floor vibrations with unprecedented ease and portability. Table Top Platforms employ the same Gimbal Piston isolators as larger tables, see preceding pages, and are a lightweight alternative for small instruments weighing up to 113.5 kg (250 lb). The compact design raises the instrument about 8.9 cm (3-1/2 in) above the table surface. Typical applications include optical microscopes, ultra-microtomes, and strain gauge type analytical balances.

Table Top Platform performance is limited by the low mass of the top plate, the smaller vol-

ume of the isolators, and the fact that lab benches are a more severe vibration environment than lab floors.

Each Table Top Platform comes with a granite, stainless steel laminate or Clean Top steel honeycomb breadboard top plate. The granite top plate is 50 mm (2 in) thick and is available with either 3 or 4 isolators.

The stainless steel laminate top plates are available in three sizes. These ferromagnetic surface tops have an increased isolated mass, better damping, and double the mass of granite tops. They are available with 4 isolators only.

The 50 mm (2 in) thick, spillproof Clean Top Platforms are ideal when a table top plate with mounting holes is required. They are available in four standard sizes with 4 isolators with either English or Metric Rulings.

Specifications

Net Load Capacity	
With 3 Isolators	110 kg (250 lb)
With 4 Isolators	160 kg (350 lb)
Isolation Efficiency	
Vertical at 5 Hz	25 to 50%
Horizontal at 5 Hz	0 to 30%
Vertical at 10 Hz	60 to 90%
Horizontal at 10 Hz	30 to 80%
Facilities Required	80 psi Nitrogen or Air



Table Top Plates

- Seamless stainless steel top and sides
- Lightweight, low profile construction
- Self leveling air suspension
- Three height control valves

These table top plate incorporates a self-leveling air spring isolator with both vertical and horizontal vibration isolation. It provides efficient isolation of mid to high frequency vibration, making it ideal for optical microscopes and analytical balances in less severe environments. The stainless steel exterior is excellent for cleanroom, lab and industrial environments. The tabletop Plate is supplied with a 40 p.s.i. over-pressure relief valve. The supply pressure must be regulated down to 40 p.s.i. maximum to prevent damage.

Specifications

Net Load Capacity	35 kg (75 lb)
Dimensions, H x W x D	64 x 610 x 500 mm (2.5 x 24 x 20 in)
Facilities Required	40 p.s.i., max.
Finish:	
Top Plate	Brushed Stainless Steel
Bottom	Recessed Textured Black Powder Coat-Painted with Rubber Feet

Catalog No.	Product
CGS 8360.41	Table Top Plate
CGS 8359.41	Pressure Regulator with Wall Mounting Bracket

Table Top Platforms			
Dimensions, D x W	Weight	With 3 Isolators	With 4 Isolators
Granite Table Top			
61 x 61 cm (24 x 24 in)	48 kg (105 lb)	CGS8375.41	CGS8373.41
61 x 76 cm (24 x 30 in)	61 kg (135 lb)	CGS8374.41	CGS8372.41
Stainless Steel Laminate			
63.5 x 89 cm (25 x 35 in)	120 kg (270 lb)	—	CGS8371.41
76 x 76 cm (30 x 30 in)	120 kg (270 lb)	—	CGS8370.41
76 x 89 cm (30 x 35 in)	120 kg (270 lb)	—	CGS8369.41
Clean Top English Rulings			
61 x 91 cm (24 x 36 in)	52 kg (115 lb)	—	CGS8368.41
76 x 76 cm (30 x 30 in)	54 kg (120 lb)	—	CGS8367.41
76 x 91 cm (30 x 36 in)	66 kg (145 lb)	—	CGS8366.41
61 x 122 cm (24 x 48 in)	70 kg (155 lb)	—	CGS8365.41
Clean Top Metric Rulings			
61 x 91 cm (24 x 36 in)	52 kg (115 lb)	—	CGS8364.41
76 x 76 cm (30 x 30 in)	54 kg (120 lb)	—	CGS8363.41
76 x 91 cm (30 x 36 in)	66 kg (145 lb)	—	CGS8362.41
61 x 122 cm (24 x 48 in)	70 kg (155 lb)	—	CGS8361.41