

A vibration free platform is essential for long successful experimentation.

Air tables and faraday cages from Scientifica provide the perfect base from which to carry out your experiments.

TMC 63-500 Series High-Performance Lab Tables...

Provide an excellent vibration-free working surface for loads up to 160kg (more than enough for an electrophysiology set up).

Now with modular construction, these tables are recommended for use in applications such as electrophysiology, cell injection, ultramicrotomy, photomicroscopy, scanning tunnel microscopy and confocal laser scanning microscopy and many more.

Key Features....

- Gimbal Piston Isolators (Achieves both horizontal and vertical isolation down to very low input levels)
- Thin-Wall Rolling Diaphragms
- All-Brass Height Control Valves (Virtually unbreakable, finger adjustable)
- Internal Piston Travel Restraint
- Tiebar Gussets which increase table frame rigidity
- Rugged Built-in Levelling Feet



*Perfect for
electrophysiology,
microinjection,
confocal microscopy
and many other
techniques.*

Faraday Cage...

The Type II Faraday Cage offers excellent access and a unique door mechanism.

The 'roller-blind' type retracting front panel is easier to operate than hinged doors and causes less disturbance when adjusted. This front door may be positioned anywhere between fully opened and closed and stays in position without a fastener. The front door is shipped assembled and the entire unit can be installed in a few minutes.

This cage incorporates a stainless steel frame and copper-mesh material for the panels. It mounts to TMC's full perimeter enclosures and mounts to our 63-500 Series tables. Optional accessories include a hanging triangular shelf and a shelf mounted just above the isolated surface oriented from front to rear.



Perimeter Enclosures:

A Full-A fixed, welded-steel structure that completely surrounds the table top to provide non-isolated support for Faraday Cages, raised rear shelves, and other special fixtures.

Front Support Bar:

This adjustable steel rail mounts on the table's front legs. It has a slot in which the shelves mount and is normally ordered with the armrest pads. The bar may be centred along the length of the table or cantilevered to suit your application.

Rear Support Bar:

This adjustable rail mounts on the rear table legs and supports the rear end of the sliding shelves. It may also be cantilevered.

Armrest Pads:

Adjustable leather forearm rest which fasten to the front support bar. A new armrest pad is now available which fastens to the perimeter enclosure.

Casters:

A set of four retractable casters with a total weight capacity of (450 kg) can be mounted to the base of the table legs.

Articulated ArmRest:

These add stability and comfort when delicate manipulations must be made without disturbing the isolated surface. Mounts to front support bar or perimeter enclosure.

Precision Height Control Valves:

To minimize bottled air supply usage, standard TMC height control valves have a small 'dead band', resulting in a height return accuracy of (+/-1.3 mm). Precision valves control height to within (0.13 mm) but have a slight, constant leak.

**A range of shelves are also available.*

The table below shows a range of sizes and styles available. Please contact us if you do not see the specifications you require.

TABLE	SIZE (Inches)	DESCRIPTION	PERIMETER ENCLOSURE	FARADAY CAGE
63 - 511	25x36x2	Stainless Steel Top Plate	81-321-01	-
63 - 521	30x30x2	Stainless Steel Top Plate	81-321-02	-
63 - 531	30x36x2	Stainless Steel Top Plate	81-321-03	81-333-03
63 - 534	30x36x4	Stainless Steel Top Plate, M6 holes	81-322-03	81-333-03
63 - 541	30x48x2	Stainless Steel Top Plate	81-321-04	81-333-04
63 - 544	30x48x4	Stainless Steel Top Plate, M6 holes	81-322-04	81-333-04
63 - 551	30x60x2	Stainless Steel Top Plate	-	-
63 - 554	30x60x4	Stainless Steel Top Plate, M6 holes	-	-
63 - 561	36x48x2	Stainless Steel Top Plate	81-321-06	81-333-06
63 - 564	36x48x4	Stainless Steel Top Plate, M6 holes	81-322-06	81-333-06
63 - 571	36x60x2	Stainless Steel Top Plate	-	-
63 - 574	36x60x4	Stainless Steel Top Plate, M6 holes	-	-