

禮學社 單元組合系統桌

- ▶ 高強度單元組合鋼結構可快速組合成需要式樣，30年以上使用壽命。
- ▶ 專用繪圖軟體供客戶確認後即可連接生產資料，縮短生產交期。
- ▶ 原創彈性專利組合桌具備實驗室專屬造型，適合內外銷。
- ▶ 全桌符合多項CNS標準並經過SGS等獨立機構驗證合格。

▶ 壁櫃

耐水、防銹、防塵構造
每層可承受 $150\text{kg}/\text{m}^2$ 的荷重

▶ 桌面

耐化學品腐蝕與耐磨的高強度實心材料，至少可承受 $500\text{kg}/\text{m}^2$ 荷重

▶ 底櫃

- 耐水、防銹、不變形、門開關壽命達10萬次以上
- 鋼製防塵抽身一片成型採三節滾珠滑軌抽屜，可全部拉出櫃外，承重 45kg ，可耐推拉12萬次以上

▶ 鋼支柱

可拆卸重組，高荷重耐振動，可吊掛各種配件可容納電或氣體管線

▶ 防落鋼製置物架

可調整上下位置，前後加裝4分不鏽鋼管防止物品滑落，每層承重 $150\text{kg}/\text{m}^2$ ，有可防外力碰撞而不脫落的構造

▶ 鋼線槽

可容納電或氣體管線並可固定插座及氣體考克

▶ 組合鋼構架

以鋼製組件組合成堅固的構架，上可承裝桌面及鋼支柱，下可收納底櫃

實驗桌包括以下專利：

- 新型第M495791號防落置物架結構改良
- 新型第M508960號可掛載收納單元之系統桌
- 新型第M553960號實驗桌耐腐蝕把手組
- 新型第M565756號吊掛裝置

未來產品與本型錄有出入時，以實品為準，本公司保留產品修改權力

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▶ 承載力檢驗:

按CNS檢驗方法測試實驗桌荷重及變形量說明如下:

1. 中華民國國家標準CNS總號15679類號S1272書架及物品架第9.3項強度檢驗。
2. 中華民國國家標準CNS總號15343類號S1268家具-收納單元之強度與耐久性測定法。
3. 中華民國國家標準CNS總號11679家具垂直負載檢驗法第5.6項櫥櫃之垂直負載檢驗。

▶ 檢驗方法:

1. A型靠邊桌支柱層板與壁櫃，在層板及壁櫃各支撐面平均放置150kg/m²共四層，如左圖所示。
2. 以游標卡尺量測鋼支柱頂部與牆面之間距離，並於每天記錄變形量，載重10天。
3. 使用A4影印紙作為加重道具。

▶ 檢驗結果:

1. 荷重移除後，樣品無明顯外觀及功能上之損壞。
2. 荷重後鋼支柱頂端變型量:4mm。
3. 移除負載後鋼支柱頂端變型量:0mm。

▶ 實驗桌品質檢驗紀錄:

序號	委託檢驗內容	檢驗依據	檢驗單位	檢驗結果
1.	靜態強度垂直作用力檢驗	CNS 15420	SGS 台灣檢驗科技	平均荷重500kg/m ² 、集中荷重4900N，24小時後移除負載變形量0.22mm。
2.	靜態強度水平作用力檢驗			左右交替作用力150kg，移除負載變形量3.18mm。
3.	偏心垂直負載試驗法 4.1.1前緣偏心垂直負載檢驗	CNS 11681		1. 試驗後樣品無明顯外觀及功能上之損壞。 2. 荷重30分鐘後變形量為5.62mm。 3. 移除負載後變形量為0.23mm。
4.	抽屜操作性能檢驗 5.1 疲勞試驗-檢驗等級:5	CNS11678 S2129		1. 耐久測試至134,649次後，滑軌功能失效。 2. 抽屜及內外擋板等各部件無明顯變形、損壞及不堪使用之情況。
5.	書架及物品架第9.3項強度檢驗	CNS15679 S1272 ISO 9001:2015		禮學社 獨立檢驗部門

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禮學社® Combination System table

- ▶ The high-strength unit combination steel structure can be quickly combined into a required pattern with a service life of more than 30 years.
- ▶ Specialized drawing software for customer confirmation can be connected to production materials to shorten production delivery.
- ▶ The original and flexible patented combination has a laboratory-specific style and is suitable for both domestic and foreign sales.
- ▶ The entire bench complies with a number of CNS standards and has been verified by independent agencies such as SGS.

▶ Wall cabinet

Water resistant, rust-proof and dust-proof construction can withstand a load of 150kg/m² per layer

▶ Desktop

High-strength solid material resistant to chemical corrosion and wear, capable of withstanding at least 500kg/m² load

▶ Base cabinet

- Water resistant, rust-proof, non-deformable, door switch life of more than 100,000 times
- The steel dust-proof body is formed into a three-section ball slide drawer, which can be pulled out of the cabinet. The load is 45kg, which can withstand more than 120,000 push-pulls.

The lab table includes the following patents:

- New type M495791 anti-fall rack structure
- New type M508960 system table for mounting storage unit
- New type M553960 lab table corrosion-resistant handle set
- New type M565756 hanging device

▶ Steel pillar

Removable and reconfigurable, high load and vibration resistance, can be combined with various accessories to accommodate electricity or gas pipelines

▶ Steel Shelving

The upper and lower positions can be adjusted, and 4 points of stainless steel tubes are installed in front and rear to prevent the items from slipping. Each layer has a bearing capacity of 150kg/m², and has a structure that can prevent external force from colliding without falling off.

▶ Steel trunking

Can accommodate electrical or gas lines and can be fixed to sockets and gas corks

▶ Combined steel frame

The steel components are combined into a sturdy frame, which can support the table top and steel pillars, and can be used to receive the base cabinet.

When there is any discrepancy between the future product and this model, the actual product shall prevail, and the company reserves the right to modify the product.



► Bearing capacity test :

According to the CNS test method, the test table load and deformation are described as follows:

- 1.The strength test of the Republic of China National Standard CNS No. 15679 Class No. S1272 Bookshelf and Article Shelf Item 9.3.
- 2.Determination of the strength and durability of the furniture-storage unit of the Republic of China National Standard CNS No. 15343 Class No. S1268.
- 3.The vertical load test of the cabinet of the Republic of China National Standard CNS No. 11679 Furniture Vertical Load Test Method No. 5.6.

► Testing method :

- 1A type of side table support laminate and wall cabinet, on the support surface of the laminate and the wall cabinet, a total of four layers of 150kg / m², as shown on the left.
- 2.Measure the distance between the top of the steel pillar and the wall with a vernier caliper, and record the deformation amount every day for 10 days.
- 3.Use A4 photocopying paper as a weighting source.

► Test result :

- 1.After the load is removed, the sample has no obvious appearance and functional damage.
- 2.The amount of deformation of the steel pillar at the load: 4mm.
- 3.The amount of deformation of the steel pillar top after

► Lab table quality inspection record:

Item	Test content	Testing method	Testing organization	Test results
1.	Static strength vertical force test	CNS 15420	SGS Taiwan	The load is 250kgf/m ² and it is maintained for 24 hours without deformation.
2.	Static strength horizontal force test			The left and right force is 150kg, and the amount of deformation after removal of the load is 3.18mm.
3.	Eccentric vertical load test 4.1.1Leading edge eccentric vertical load test	CNS 11682		1.The sample has no obvious appearance and functional damage after the test. 2.After 30 minutes of load, the deformation is 5.62mm. 3.The amount of deformation after removing the load is 0.23mm.
4.	Drawer operation performance test 5.1 Fatigue test - test level: 5	CNS11678 S2129		1.After the durability test to 134,649 times, the rail function is disabled. 2.The drawers, inner and outer baffles and other components are not obviously deformed, damaged and unsuitable for use.
5.	Bookshelf and shelf 9.3 item strength test	CNS15679 S1272 ISO 9001:2015		Labtech Inspection