

Fundermax GmbH - Max resistance²

- Outstanding mechanical and thermal properties in accordance with EN 438
- Chemical resistance in accordance with SEFA-3 recommended practice
- Integrated double hardened acrylic coating on surface for chemical resistance
- Increased scratch - abrasion resistance, hygienic properties and easy cleaning



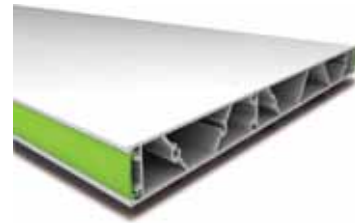
Profile system

- Fast installation and easy maintenance
- Good designed aluminum profile



Flexibility & Expansion

- Available for structure change and expansion of service utilities
- Fast and easy reconfiguration for laboratories
- Easy customization for flexibility



Aluminum profile shelving

- Truss structure aluminum profile shelving for high loading capacity
- Acid resistant epoxy powder coated aluminum profile
- Height adjustable function included



Safety guard holder

- Designed by SamIn Science
- Protect safety guard to be bent



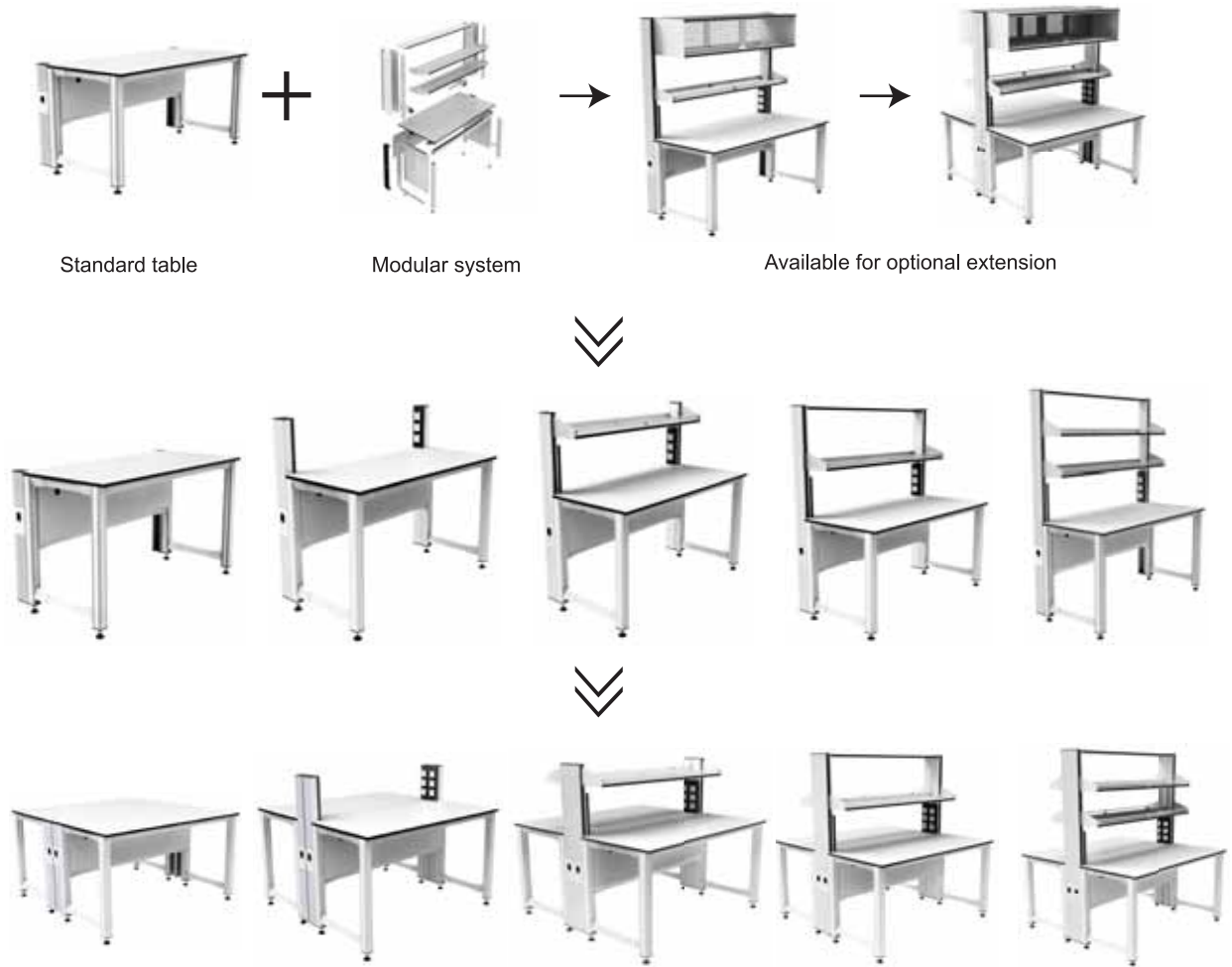
Receptacle & Utility Box

- Aluminum profile structure by anodizing coating
- Detachable structure for configuration and maintenance
- Available for 110v / 220v / Data / Tel / Fitting valves
- Water proof hinged safety cover

3D Rendering



Flexible laboratory furniture system with modular structure



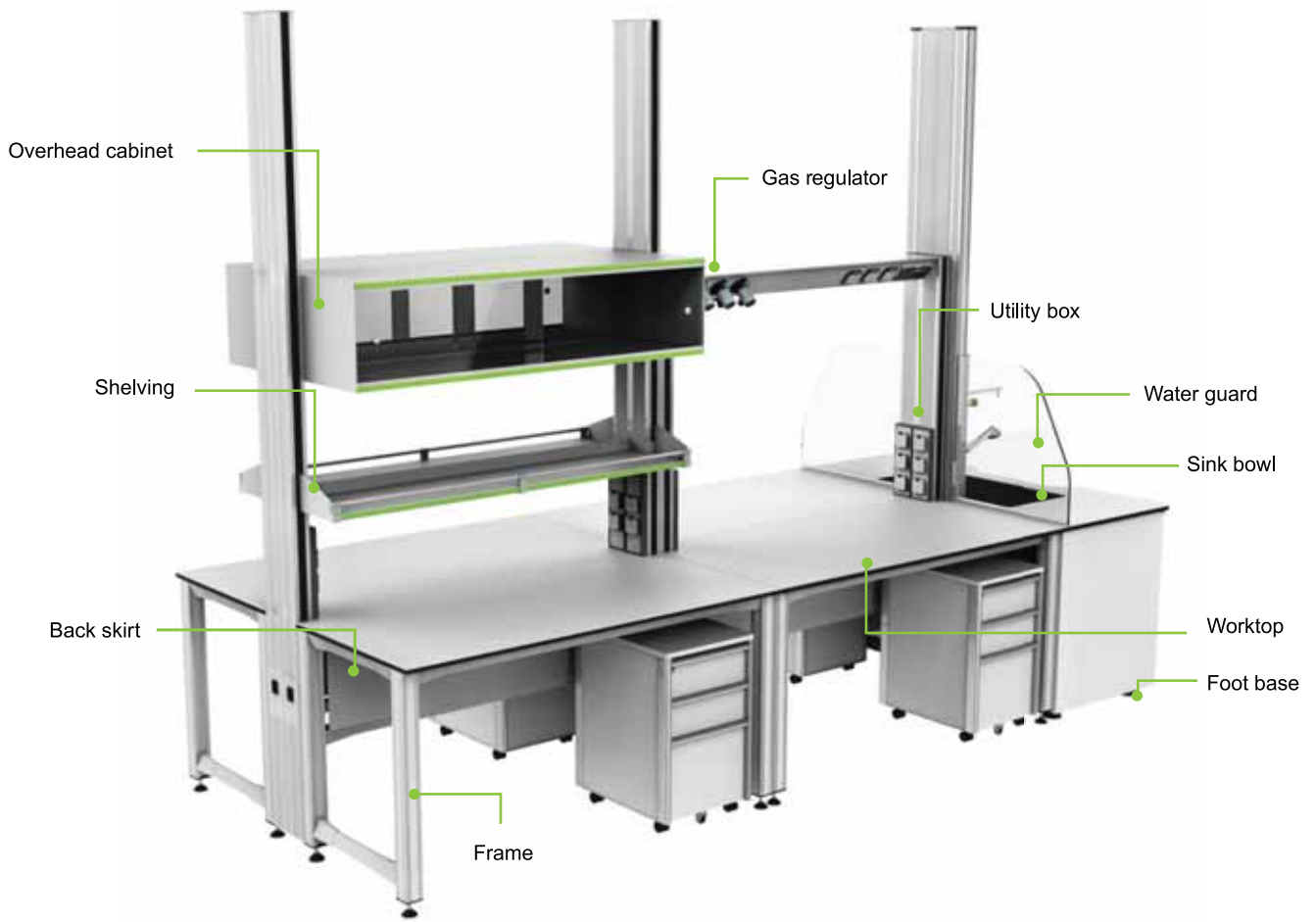
Modular structure's advantages

- Saving raw material cost, installation time, logistic cost and labor cost
- Fast and easy configuration for laboratories
- Available for part maintenance

Customer focused configuration and design























- Maximizing laboratory space
- Detachable utility structure for easy maintenance

Part description



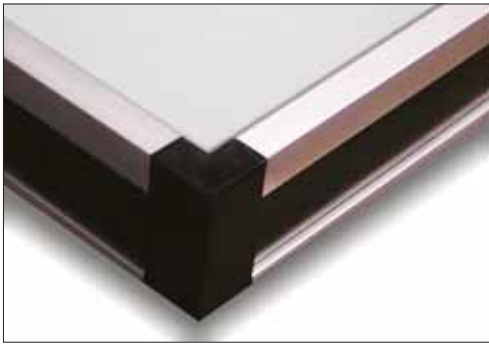
Worktop	<ul style="list-style-type: none"> Frosted tempered safety glass TRESPA® TOPLAB® PLUS FunderMax Max Resistance² Durcon epoxy (Optional) 	Overhead cabinet	<ul style="list-style-type: none"> EGI steel, acrylic and ABS Anodized aluminum profile
Frame	<ul style="list-style-type: none"> Anodized aluminum profile 	Gas regulator	<ul style="list-style-type: none"> EM15
Shelving	<ul style="list-style-type: none"> Anodized aluminum profile Shelving base + Wings Safety guard Guard holder 	Sink bowl	<ul style="list-style-type: none"> PP Composite, SUS (Optional)
Back skirt	<ul style="list-style-type: none"> EGI steel epoxy powder coating 	Water guard	<ul style="list-style-type: none"> Anodized aluminum profile + Frosted tempered safety glass
Utility box	<ul style="list-style-type: none"> PP Composite 	Foot Base	<ul style="list-style-type: none"> Lower : PP Composite Upper (Bolt) : SS400

Contents

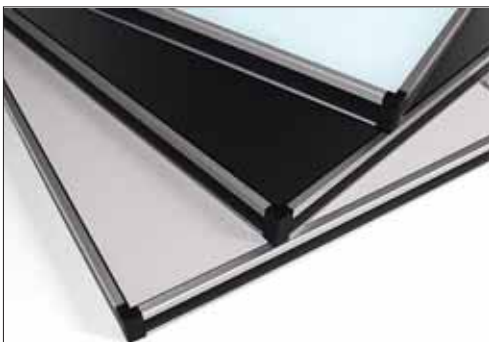
	P8		P14		P15
Worktop		Frame		Shelving	
	P15		P15		P16
Foot base		Utility box		Option	
	P18		P19		P20
A type		B type		D1 type	
	P21		P22		P23
D2 type		D3 type		D4 type	
	P24		P25		P26
Overhead cabinet type		Sink		Work table	
	P26		P26		P27
Extension table		Corner table		Multi-purpose table	
	P27		P28		P28
PC table		Balance table		Under table cabinet	
	P29		P30		P31
Wall cabinet		Lab chair		Lab chair	

Modular frosted tempered safety glass worktop

Upper(Optional) : Frosted tempered safety glass / PP / Phenolic laminate + Lower : Truss structure aluminum profile



Frosted tempered safety glass 5T



Phenolic laminate 5T / PP 5T / Frosted tempered safety glass 5T

Manufacturer & Origin

- Manufacturer : SamIn Science
- Product : Modular frosted tempered safety glass worktop
- Origin : Republic of Korea

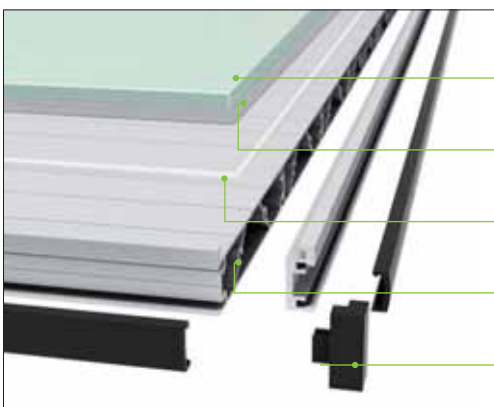
Description

- 25T Modular worktop
- Upper (Optional) : Frosted tempered safety glass / PP / Phenolic laminate
- Lower : Truss structure aluminum profile 20T

Features

- Frosted tempered safety glass
- 5T Frosted tempered safety glass for laboratory optimization
- 4 Side molding for edge protection
- Chemical resistant polypropylene
- Reinforced polypropylene worktop
- Moisture resistance, chemical resistance and impact resistance
- Phenolic laminate
- High density phenolic resin worktop for chemical resistance and mechanical properties
- Panel core : Multiple layers of phenolic resin impregnated kraft paper
- Panel surface : Integrated double hardened acrylic coating and melamine impregnated decor
- Patent registration number 10-0838320 / 10-107952
- Registered at public procurement service as excellent product

Part description



- Frosted tempered safety glass
Chemical resistance / Scratch resistance
- Safety film
Anti fragment for safety
- Chemical resistant sealing compound
Protection against chemical penetration
- Truss structure aluminum profile
High load capacity / Easy customizing
- 4 side molding and safety edge
Color points / Edge protection

Solid phenolic laminate & Epoxy resin worktop

FunderMax Max Resistance² phenolic laminate / TRESPA[®] TOPLAB[®] PLUS phenolic laminate / Durcon epoxy resin



FunderMax GmbH - Max Resistance²

Manufacturer & Origin

- Manufacturer : FunderMax GmbH
- Product : Max Resistance²
- Origin : Austria

Description

- 20T Max Resistance² Phenolic laminate

Features

- Outstanding mechanical and thermal properties in accordance with EN 438
- Chemical resistance in accordance with SEFA-3 recommended practice
- Integrated double hardened acrylic coating on surface for chemical resistance
- Increased scratch - abrasion resistance, hygienic properties and easy cleaning



TRESPA International B.V. - TRESPA[®] TOPLAB[®] PLUS

Manufacturer & Origin

- Manufacturer : TRESPA International B.V.
- Product : TRESPA[®] TOPLAB[®] PLUS
- Origin : Netherlands

Description

- 20T TRESPA[®] TOPLAB[®] PLUS Phenolic laminate

Features

- Outstanding mechanical and thermal properties in accordance with EN 438
- Chemical resistance in accordance with SEFA-3 recommended practice
- Integrated double hardened acrylic coating on surface for chemical resistance
- Increased scratch - abrasion resistance, hygienic properties and easy cleaning



Durcon Incorporated - Durcon epoxy

Manufacturer & Origin

- Manufacturer : Durcon Incorporated
- Product : Durcon epoxy
- Origin : USA

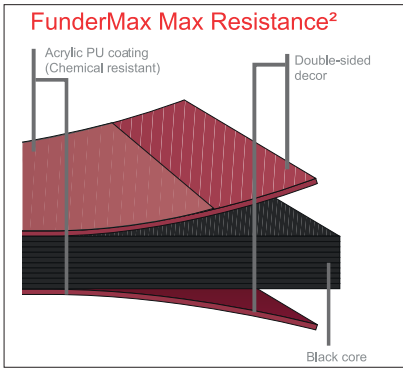
Description

- 20T Epoxy Resin

Features

- Chemical resistance in accordance with SEFA-3 recommended practice
- NSF / ANSI 51 certified epoxy resin for use in food service area
- Thermal properties in accordance with ASTM
- Moisture resistance, high density and durability

FunderMax Max Resistance² features

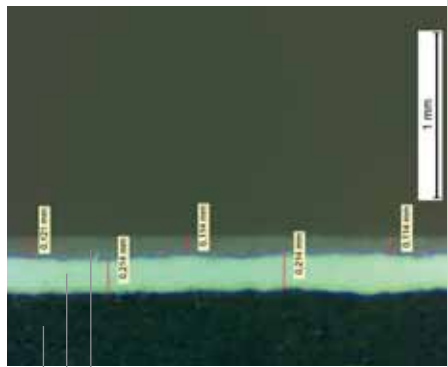


- High density phenolic resin worktop for laboratory furniture
- Outstanding mechanical and thermal properties in accordance with EN 438
- Chemical resistance in accordance with SEFA-3 recommended practice
- Certification / Approvals: FSC, LEED, GREENGUARD, SEFA, EN 438 and ASTM
- Panel core: Multiple layers of phenolic resin impregnated kraft paper
- Panel surface: Integrated double hardened acrylic coating & melamine impregnated decor
- Increased scratch - abrasion resistance, hygienic properties and easy cleaning
- Double side



FunderMax Max Resistance² patented surface RE-technology

FunderMax RE-Technology



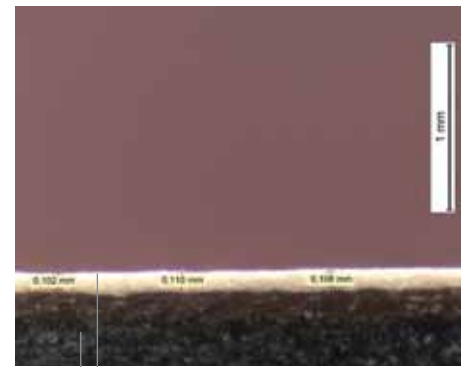
- Extra thick double-hardened Urethane-acrylic surface
- Extra thick decor layer
- HPL-core (Jet-black, phenol impregnated kraft paper)

Competitor A's



- Electronic beam cured (EBC) acrylic surface
- Decor layer
- Fibre or HPL core

Competitor B's



- Melamine decor surface
- HPL core

RE-Surface



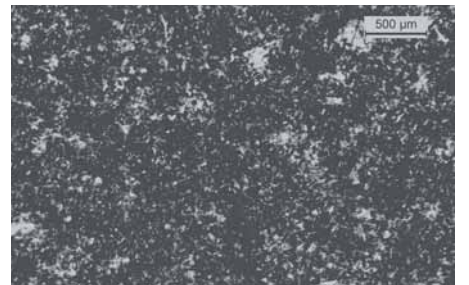
No small pores visible

Competitor A's



Micropores visible

Competitor B's



Pores visible

*Anti-bacteria Surface performance from FunderMax catalog

FunderMax Max Resistance² chemical and stain resistance test

Substance	Rating	0 No effect	1 Excellent	2 Good	3 Fair
Acids					
Acetic Acid 99%		●			
Dichromate Acid 5% ²⁾		●			
Chromic Acid 60%		●			
Formic Acid 90% ²⁾		●			
Hydrochloric Acid 37%		●			
Hydrofluoric Acid 48%			●		
Nitric Acid 20%		●			
Nitric Acid 30%		●			
Nitric Acid 70% ¹⁾		●			
Phosphoric Acid 85%		●			
Sulphuric Acid 33%		●			
Sulphuric Acid 77%		●			
Sulphuric Acid 96%			●		
Sulphuric Acid 77 % Nitric Acid 70% (1:1)				●	

Substance	Rating	0 No effect	1 Excellent	2 Good	3 Fair
Bases					
Ammonium Hydroxide 28%		●			
Sodium Hydroxide 10%		●			
Sodium Hydroxide 20%		●			
Sodium Hydroxide 40%		●			
Sodium Hydroxide Flake		●			

Substance	Rating	0 No effect	1 Excellent	2 Good	3 Fair
Salts and halogens					
Saturated Zinc Chloride		●			
Saturated Silver Nitrate		●			
Tincture of Iodine ¹⁾			●		

TEST RESULTS MAY DIFFER BY COLOUR
¹⁾ RESULT ON 0082
²⁾ RESULT ON 0085

Test procedure

The chemical resistance tests were performed in a SEFA certified laboratory according to the Test Method: SEFA 3-2010 Sec 2.1. (24hr EXPOSURE) Detailed information and results are available in the official test reports.

Results

FunderMax Resistance² passed the SEFA 24h Exposure Test and is therefore suitable and recommended for laboratory worktops. FunderMax Resistance² exceeds the SEFA test criteria by far without one single Level 3 rating.

*Chemical / Stain resistance performance from FunderMax catalog

Substance	Rating	0 No effect	1 Excellent	2 Good	3 Fair
Organic chemicals					
Cresol		●			
Dimethylformamide		●			
Formaldehyde 37%		●			
Furfural ¹⁾			●		
Gasoline		●			
Hydrogen Peroxide 30% ²⁾		●			
Hydrogen Peroxide 3%		●			
Phenol 90%			●		
Sodium Sulfide Saturated		●			
Solvents					
Acetone ²⁾		●			
Amyl Acetate		●			
Benzene		●			
Butyl Alcohol		●			
Carbon Tetrachloride		●			
Chloroform ²⁾		●			
Dichloroacetic Acid ²⁾			●		
Dioxane		●			
Diethyl Ether		●			
Ethyl Acetate ¹⁾		●			
Ethyl Alcohol		●			
Methylalcohol		●			
Methylene Chloride		●			
Methyl Ethyl Ketone		●			
Mono Chlorobenzene		●			
Naphthelene		●			
Toluene		●			
Trichloroethylene		●			
Xylene ¹⁾		●			

Rating

- 0 – No Effect – No detectable change in the material surface.
- 1 – Excellent – Slight detectable change in color or gloss but no change in function or life of the surface.
- 2 – Good – A clearly discernible change in color or gloss but no significant impairment of surface life or function.
- 3 – Fair – Objectionable change in appearance due to discoloration or etch, positively resulting in deterioration of function over an extended period of time.

Acceptance criteria

To be approved as laboratory grade surfaces, tested materials should receive no more than 4 Level 3 ratings

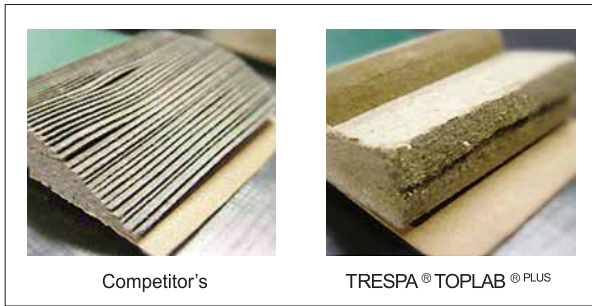
FunderMax Max Resistance² mechanical and thermal properties

Properties tested according to EN 438-2	Standard requirement	Max Resistance ²
Physical data		
Density DIN 52350/ISO 1183	≥ 1,35 g/cm ³	≥ 1,35 g/cm ³
Thickness (e.g.) EN 438-2, point 5		10 mm
Weight		13,5 kg/m ²
Mechanical properties		
Resistance to stress abrasion EN 438-2, point 10	≥ 350 U	450 U
Resistance to impact EN 438-2, point 21	≤ 10 mm	8 mm
Resistance to scratching EN 438-2, point 25	≥ 3 degree ≥ 4 N	3-4 degree 4-6 N
Flexural strength EN ISO 178	≥ 80 MPa	≥ 80 MPa
E-Modulus EN ISO 178	≥ 9000 MPa	≥ 9000 MPa
Tensile strength EN ISO 527-2	≥ 60 MPa	≥ 60 MPa

Properties tested according to EN 438-2	Standard requirement	Max Resistance ²
Thermal properties		
Dimensional stability measured at elevated temperatures with moisture change EN 438-2, point 17	≤ 0,30 length ≤ 0,60 width	0,05 length 0,15 width
Resistance to boiling water EN 438-2, point 12	≤ 2%	0,3%
Co-efficiency of thermal expansion DIN 52328	1/K	20 x 10 ⁻⁶
Resistance to dry heat EN 438-2, point 16	4-5 [degree]	5 no visible changes, no blisters or cracks ²⁾
Resistance to staining EN 438-2, point 26 (group 1-3)	4-5 [degree]	5 no visible changes, no blisters or cracks ²⁾
Optical properties		
Light fastness EN 438-2, point 27	≥ 4 [level]	4 or 5

*EN438-2 Standard performance from FunderMax catalog

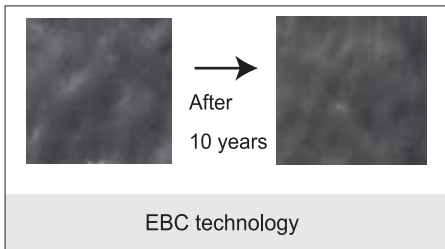
TRESPA® TOPLAB® PLUS features



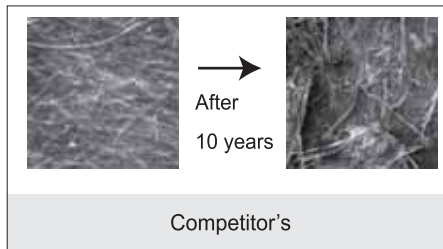
Competitor's

TRESPA® TOPLAB® PLUS

- High density phenolic resin worktop for laboratory furniture
- Outstanding mechanical and thermal properties in accordance with EN 438
- Chemical resistance in accordance with SEFA-3 recommended practice
- Certification / Approvals: FSC, LEED, GREENGUARD, SEFA, EN 438 and ASTM
- Panel core: Dry Forming (DF) technology
- Panel surface: Electron Beam Curing (EBC) technology
- Increased scratch & Abrasion resistance, hygienic properties and easy cleaning
- Single side



EBC technology



Competitor's

- Electron Beam Curing (EBC) : Hygienic properties and anti-bacterial properties

※ TRESPA® TOPLAB® PLUS remains unchanged



- PEFC (Programme for the Endorsement of Forest Certification Schemes) & FSC (Forestry Stewardship Council) - Environmental properties
- GREENGUARD - UL 2818 Standard for chemical emissions for building materials, finishes and furnishings
- IMSL (Industrial Microbiological Service Ltd.) - Antimicrobial performance

TRESPA® TOPLAB® PLUS chemical and stain resistances test

Acids		No effect	Excellent	Good	Fair	Failure
Acetic Acid	99%	■				
Acid Dichromate	5%	■				
Chromic Acid	60%	■				
Formic Acid	90%	■				
Hydrochloric Acid	10%	■				
Hydrochloric Acid	37%	■				
Hydrofluoric Acid	48%					■
Nitric Acid	20%	■				
Nitric Acid	30%		■			
Nitric Acid	65%			■		
Nitric Acid	70%			■		
Nitric Acid 65% : Hydrochloric Acid 37%	(1:3)	■				
Perchloric Acid	60%	■				
Phosphoric Acid	85%	■				
Sulphuric Acid	25%	■				
Sulphuric Acid	33%	■				
Sulphuric Acid	77%	■				
Sulphuric Acid	85%	■				
Sulphuric Acid	98%		■			
Sulfuric Acid 77% : Nitric Acid 70%	(1:1)			■		
Sulfuric Acid 85% : Nitric Acid 70%	(1:1)			■		

Bases		No effect	Excellent	Good	Fair	Failure
Ammonium Hydroxide	28%	■				
Sodium Hydroxide	10%	■				
Sodium Hydroxide	20%	■				
Sodium Hydroxide	40%	■				
Sodium Hydroxide Flake		■				
Salts						
Copper Sulphate	10%	■				
Ferric(III)chloride	10%	■				
Potassium Iodide	10%	■				
Potassium Permanganate	10%	■				
Saturated Zinc Chloride		■				
Silver Nitrate	1%	■				
Sodium Chloride	10%	■				
Sodium Hypochlorite	13%	■				
Halogens						
Iodine (Crystals)			■			
Iodine Solution (0.1 N)			■			
Tincture of Iodine		■				
Organic Chemicals						
Cresol		■				
Dimethylformamide		■				
Formaldehyde	37%	■				
Furfural			■			

*Chemical/Stain Resistance performance from TRESPA catalog

TRESPA® TOPLAB® PLUS chemical and stain resistance test

Item Tested	Modular Structure Laboratory Table
Description	Physical test (Table) / Chemical resistance test (Worktop)
Test Result	All passed
Testing institution	KTL (Korea Testing Laboratory)



Static load test of modular structure laboratory table

Static load test <SEFA 8-M-2016 laboratory grade metal casework>

To the free standing table - 1524x584,2x889 (WxDxH, mm), load the table top by using steel bars up to 600 pounds (272.16 Kg) with the full load. The apron rails shall not deflect more than 1/360 of span of the table and not to exceed 1/8" (3.175mm).



10.2.2 Test Procedure

Load the table top by using solid steel bars (per Section 3.1), each weighing 50 pounds (22.68 Kg), stacked evenly and spaced per Figure 16. These evenly distributed loads should be no less than 600 pounds (272.16 Kg) for free standing tables. Include the weight of the working surface as live load.

Fig 16. Table Static Test Configuration

Result of standard table (mm)	
Measurement	
102.4 Kg	0.83
204.8 Kg	1.68
276.55 Kg	3.00

Result of high load table (mm)	
Measurement	
102.40 Kg	0.63
204.80 Kg	1.00
276.55 Kg	2.22
340.15 Kg	2.43
382.80 Kg	2.93

Frame



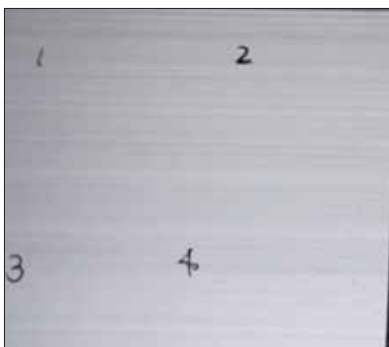
Specification

- Leg frame : Anodized aluminum profile 60x60mm / Over 2T
- Connection frame : Anodized aluminum profile 46x47mm / Over 2T
- Sub frame : Anodized aluminum profile 44x44mm / Over 2T

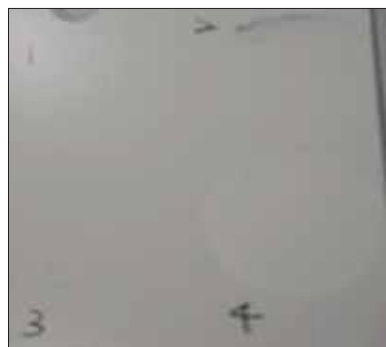
Features

- Anodizing finishes on frame surface: Oxidation-aluminum film on surface for physical properties, anti-corrosion and chemical resistance
- Formaldehyde free and 100% recyclable raw materials for environmental properties and sustainability
- Applying safety finishing caps to guarantee safety and hygiene from bacteria

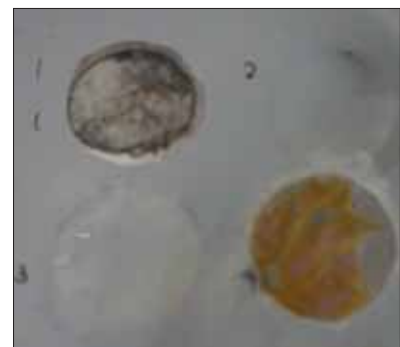
Chemical resistance spot test for aluminum profile



Anodized aluminum



Epoxy powder coated EGI steel



EGI steel

Chemical resistance

Chemical resistance spot test method <KS G ISO 4211 standard>

Filter paper (25mm diameter), saturated with the testing chemical for 30 seconds was placed on the test material and covered with a watch glass for 16 ~ 24-hours. After that, exposed area was washed with a detergent and water, and then dried with cloth. Then, inspect any change in color, gloss or function.

Tested chemicals	
1	44% Acetic acid (aq)
2	99.5% Acetone
3	15% Sodium chloride (aq)
4	60% Nitric acid

Shelving



Applying rack type shelving



Specification

- Shelving : Aluminum profile 200x20mm + 106mmx20mm
- Shelving base : EGI Steel 1.6T
- Shelving wings : EGI steel 1.0T
- Safety guard : SUS 304 / Guard holder (PP and zinc coated die-casting)
- Epoxy powder coating (Acid resistant epoxy materials used)

Features

- Chemical resistant and anti corrosive anodized aluminum profile
- Truss structured anodized aluminum profile for high loading capacity
- Rack type shelving : Height adjustable function
- Individually configurable shelvings front and back
- Safety guard to protect materials from falling down for safety
- Guard holder to protect safety guard
- Various color selection for shelving cover (refer to page 16)



Applying SUS protection guard

Foot base (Levelling foot)



Specification

- Bolt : SS400 Hexagonal pole 13mm
- Zinc coated

Lower part : PP composite

- Angle adjustable : 15°
- Height adjustable : Using 50mm nut up to 35mm / Using 70mm nut up to 55mm

Features

- Angle adjustable function to the foot base for uneven floor
- Height adjustable function for configuration
- Impact resistance and no visual change at high temperature

Receptacle & Utility box



Specification

- Receptacles : Water proof cover 220V or 110V
- Composition : 220V / 110V / Data / Tel
- Dimension : 300mm x 100mm x 25mm (W x D x H)
- Materials : PP composite

Features

- Hinged safety cover to protect from liquid and dust

Option

Color

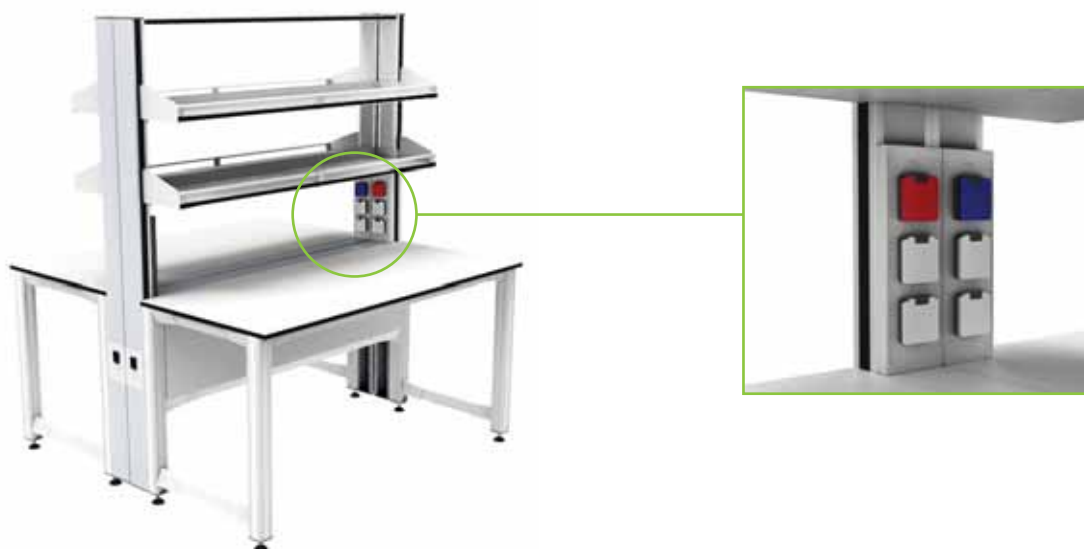
1. Shelving

- Various color selection for shelving covers upon customer request



2. Receptacle & Utility Box

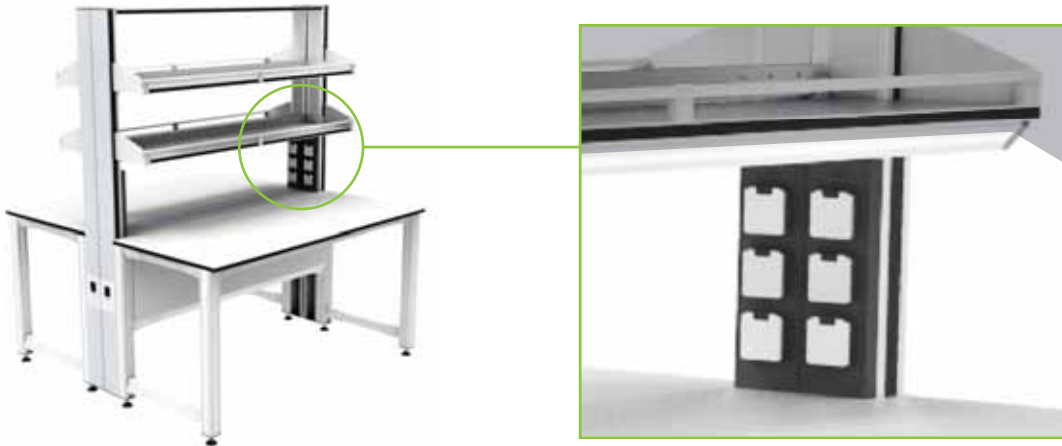
- Color selection for hinged safety cover upon customer request and available for UPS/Emergency power receptacles



Option

LED task light

- Energy saving and high illumination performance for LED task light and slim design
- Horizontal structured design for extension and angle adjustable back and forth by hinge
- Angle adjustable : 180°
- Dimmer with touch sensor to control brightness for LED task light



Voltage and current monitor

- Giving alarm for safety when overcurrent and overvoltage
- Available voltage from AC80 to 250V and displaying voltage
- Circuit breaker for electrical isolation to protect scientific instrument and equipment



A type table

Standard laboratory table to maximize working areas



Model No.	Dimension(mm)
HA12075	1200 x 750 x 800
HA15075	1500 x 750 x 800
HA18075	1800 x 750 x 800



Model No.	Dimension(mm)
HAC12075	1200 x 1500 x 800
HAC15075	1500 x 1500 x 800
HAC18075	1800 x 1500 x 800



Model No.	Dimension(mm)
NA12075	1200 x 750 x 800
NA15075	1500 x 750 x 800
NA18075	1800 x 750 x 800



Model No.	Dimension(mm)
NAC12075	1200 x 1500 x 800
NAC15075	1500 x 1500 x 800
NAC18075	1800 x 1500 x 800

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional), 20T Durcon epoxy resin (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Skirt	EGI steel (Acid resistant epoxy powder coating) and chemical resistant PP composite
Foot base	PP
Option	Drawer, cabinet, CPU, keyboard tray etc

B type table

Laboratory table with utility panels for power (110V / 220V), data, tel and etc



Model No.	Dimension(mm)
HB12075	1200 x 750 x 800
HB15075	1500 x 750 x 800
HB18075	1800 x 750 x 800



Model No.	Dimension(mm)
HBC12075	1200 x 1500 x 800
HBC15075	1500 x 1500 x 800
HBC18075	1800 x 1500 x 800



Model No.	Dimension(mm)
NB12075	1200 x 750 x 800
NB15075	1500 x 750 x 800
NB18075	1800 x 750 x 800



Model No.	Dimension(mm)
NBC12075	1200 x 1500 x 800
NBC15075	1500 x 1500 x 800
NBC18075	1800 x 1500 x 800

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance® (Optional), 20T Durcon epoxy resin (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Skirt	EGI steel (Acid resistant epoxy powder coating) and chemical resistant PP composite
Foot base	PP composite
Receptacles	Receptacles : 220V/ 110V (Optional), Data : Optional quantity, Tel : Optional quantity
Option	Drawer, cabinet, CPU, keyboard tray etc

D1 type table

Laboratory table with 1 shelving and utility panels for power (110V/220V), data, tel and etc



Model No.	Dimension(mm)
HD112075	1200 x 750 x 800 / 1250
HD115075	1500 x 750 x 800 / 1250
HD118075	1800 x 750 x 800 / 1250



Model No.	Dimension(mm)
HD1C12075	1200 x 1500 x 800 / 1250
HD1C15075	1500 x 1500 x 800 / 1250
HD1C18075	1800 x 1500 x 800 / 1250



Model No.	Dimension(mm)
ND112075	1200 x 750 x 800 / 1250
ND115075	1500 x 750 x 800 / 1250
ND118075	1800 x 750 x 800 / 1250



Model No.	Dimension(mm)
ND1C12075	1200 x 1500 x 800 / 1250
ND1C15075	1500 x 1500 x 800 / 1250
ND1C18075	1800 x 1500 x 800 / 1250

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional), 20T Durcon epoxy resin (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Skirt	EGI steel (Acid resistant epoxy powder coating) and chemical resistant PP composite
Foot base	PP composite
Shelving	Truss structured aluminum profile panel, EGI steel (Acid resistant epoxy powder coating) and safety guard holder (PP and zinc coated die-casting) Safety guard (SUS 304)
Utility frame	Aluminum profile (Anodizing surface coating, acid resistant epoxy powder coating) and ABS + Aluminum profile
Receptacles	Receptacles : 220V/ 110V (Optional), Data : Optional quantity, Tel : Optional quantity
Option	Drawer, cabinet, CPU, keyboard tray, LED task light DC12V-13W, lamp switch, dimmer switch and etc

D2 type table

Laboratory table with 1 shelving, 1 finishing shelving and utility panels for power (110V/220V), data, tel and etc



Model No.	Dimension(mm)
HD212075	1200 x 750 x 800 / 1500
HD215075	1500 x 750 x 800 / 1500
HD218075	1800 x 750 x 800 / 1500



Model No.	Dimension(mm)
HD2C12075	1200 x 1500 x 800 / 1500
HD2C15075	1500 x 1500 x 800 / 1500
HD2C18075	1800 x 1500 x 800 / 1500



Model No.	Dimension(mm)
ND212075	1200 x 750 x 800 / 1500
ND215075	1500 x 750 x 800 / 1500
ND218075	1800 x 750 x 800 / 1500



Model No.	Dimension(mm)
HD2C12075	1200 x 1500 x 800 / 1500
HD2C15075	1500 x 1500 x 800 / 1500
HD2C18075	1800 x 1500 x 800 / 1500

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional), 20T Durcon epoxy resin (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Skirt	EGI steel (Acid resistant epoxy powder coating) and Chemical resistant PP composite
Foot base	PP composite
Shelving	Truss structured aluminum profile panel, EGI steel (Acid resistant epoxy powder coating) and safety guard holder (PP and zinc coated die-casting) Safety guard (SUS 304)
Utility frame	Aluminum profile (Anodizing surface coating, acid resistant epoxy powder coating) and ABS + Aluminum profile
Receptacles	Receptacles : 220V/ 110V (Optional), Data : Optional quantity, Tel : Optional quantity
Option	Drawer, cabinet, CPU, keyboard tray, LED task light DC12V-13W, lamp switch, dimmer switch and etc

D3 type table

Laboratory table with 2 shelvings, 1 finishing shelving and utility panels for power (110V/220V), data, tel and etc



Model No.	Dimension(mm)
HD312075	1200 x 750 x 800 / 1800
HD315075	1500 x 750 x 800 / 1800
HD318075	1800 x 750 x 800 / 1800



Model No.	Dimension(mm)
HD3C12075	1200 x 1500 x 800 / 1800
HD3C15075	1500 x 1500 x 800 / 1800
HD3C18075	1800 x 1500 x 800 / 1800



Model No.	Dimension(mm)
ND312075	1200 x 750 x 800 / 1800
ND315075	1500 x 750 x 800 / 1800
ND318075	1800 x 750 x 800 / 1800



Model No.	Dimension(mm)
ND3C12075	1200 x 1500 x 800 / 1800
ND3C15075	1500 x 1500 x 800 / 1800
ND3C18075	1800 x 1500 x 800 / 1800

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional), 20T Durcon epoxy resin (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Skirt	EGI steel (Acid resistant epoxy powder coating) and Chemical resistant PP composite
Foot base	PP composite
Shelving	Truss structured aluminum profile panel, EGI steel (Acid resistant epoxy powder coating) and safety guard holder (PP and zinc coated die-casting) Safety guard (SUS 304)
Utility frame	Aluminum profile (Anodizing surface coating, acid resistant epoxy powder coating) and ABS + Aluminum profile
Receptacles	Receptacles : 220V/ 110V (Optional), Data : Optional quantity, Tel : Optional quantity
Option	Drawer, cabinet, CPU, keyboard tray, LED task light DC12V-13W, lamp switch, dimmer switch and etc

D4 type table

Laboratory table with 3 shelvings, 1 finishing shelving and utility panels for power (110V/220V), data, tel and etc



Model No.	Dimension(mm)
HD412075	1200 x 750 x 800 / 2100
HD415075	1500 x 750 x 800 / 2100
HD418075	1800 x 750 x 800 / 2100



Model No.	Dimension(mm)
HD4C12075	1200 x 1500 x 800 / 2100
HD4C15075	1500 x 1500 x 800 / 2100
HD4C18075	1800 x 1500 x 800 / 2100



Model No.	Dimension(mm)
ND412075	1200 x 750 x 800 / 2100
ND415075	1500 x 750 x 800 / 2100
ND418075	1800 x 750 x 800 / 2100



Model No.	Dimension(mm)
ND4C12075	1200 x 1500 x 800 / 2100
ND4C15075	1500 x 1500 x 800 / 2100
ND4C18075	1800 x 1500 x 800 / 2100

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional), 20T Durcon epoxy resin (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Skirt	EGI steel (Acid resistant epoxy powder coating) and Chemical resistant PP composite
Foot base	PP composite
Shelving	Truss structured aluminum profile panel, EGI steel (Acid resistant epoxy powder coating) and safety guard holder (PP and zinc coated die-casting) Safety guard (SUS 304)
Utility frame	Aluminum profile (Anodizing surface coating, acid resistant epoxy powder coating) and ABS + Aluminum profile
Receptacles	Receptacles : 220V/ 110V (Optional), Data : Optional quantity, Tel : Optional quantity
Option	Drawer, cabinet, CPU, keyboard tray, LED task light DC12V-13W, lamp switch, dimmer switch and etc

Overhead cabinet type table

Laboratory table with overhead cabinet, shelving(s), 1 finishing shelving and utility panels for power (110V/220V), data, tel and etc



Model No.	Dimension(mm)
TSSD312075	1200 x 750 x 800 / 1800
TSSD315075	1500 x 750 x 800 / 1800
TSSD318075	1800 x 750 x 800 / 1800

Model No.	Dimension(mm)
TSSD412075	1200 x 750 x 800 / 2100
TSSD415075	1500 x 750 x 800 / 2100
TSSD418075	1800 x 750 x 800 / 2100

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional), 20T Durcon epoxy resin (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Skirt	EGI steel (Acid resistant epoxy powder coating) and chemical resistant PP composite
Foot base	PP composite
Shelving	Truss structured aluminum profile panel, EGI steel (Acid resistant epoxy powder coating) and safety guard holder (PP and zinc coated die-casting) Safety guard (SUS 304)
Utility frame	Aluminum profile (Anodizing surface coating, acid resistant epoxy powder coating), ABS + Aluminum Profile
Overhead cabinet	Aluminum profile+EGI steel (Acid resistant epoxy powder coating), PC door
Receptacles	Receptacles : 220V/ 110V (Optional), Data : Optional quantity, Tel : Optional quantity
Option	Drawer, cabinet, CPU, keyboard tray, LED task light DC12V-13W, lamp switch, dimmer switch and etc

Sink

Laboratory sink for water supply and disposal, frosted tempered safety glass water guard and optional service outlets



Model No.	Dimension(mm)
SKSA07575	750 x 750 x 800
SKSA09075	900 x 750 x 800
SKSA15075	1500 x 750 x 800

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Skirt	EGI steel (Acid resistant epoxy powder coating) and chemical resistant PP composite
Foot base	PP composite
Sink bowl	Chemical resistant PP, SUS (Optional)
Water guard	Aluminum profile connection type, 10T frosted tempered safety glass 1 phase, 10T frost tempered safety glass 3 phases
Eye shower	BROEN Emergency eye shower, EN norm15154-1, EN norm15154-2, ANSI norm Z358.1-2004 compliant EPDM rubber cap & Dust cap
Peg board	Aluminum profile frame (Anodizing surface coating) / PP (Peg) / SUS (Bracket)
Door	Aluminum profile frame (Anodizing surface coating), 18T PB door
Option	Peg board, water guard 3 phase, eye shower, table or wall mounted service outlets, 2 sink bowl

Option



Peg board

- Anodized aluminum profile frame
- SUS peg bracket
- Detachable PP peg



2 sink bowl

- 2 sink bowl available upon request



Water guard 3 phase

- Frosted tempered safety glass
- Physical properties and hygienic laboratory environment



Service outlets and side cabinet

- Table or wall mounted service outlets
- Available for side cabinets



Service outlets

- EN ISO 9001:2000 compliant
- 1-way or 3-way fitting / RO system fitting



Eye shower

- BROEN emergency hand eye shower
- EPDM rubber cap and dust cap
- For thermal and physical properties

Work type table

Laboratory work type table for extending work sapce or placing scientific instrument on worktop



Model No.	Dimension(mm)
WSF12075	1200 x 750 x 800
WSF15075	1500 x 750 x 800
WSF18075	1800 x 750 x 800

Model No.	Dimension(mm)
WSM12075	1200 x 750 x 800
WSM15075	1500 x 750 x 800
WSM18075	1800 x 750 x 800

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Foot base	PP composite
Caster	Rotola office break
Option	Drawer, cabinet, CPU / Keyboard tray and etc

Extension & Corner table

Table for extending previous work spaces for laboratory



Extension type

Model No.	PPS No. (Korea Only)	Dimension(mm)
ET06060	-	600 x 600 x 800
ET12060	-	1200 x 600 x 800



Corner type

Model No.	PPS No. (Korea Only)	Dimension(mm)
CT07676	-	760 x 760 x 800

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional)
Frame	Aluminum profile (Anodizing surface coating)
Foot Base	Lower: PP, Upper(Bolt): SS400 Hexagonal pole 13mm

Multi-purpose mobile table

Multi-purpose mobile table for putting tools on worktop and shelving trays



Model No.	Dimension(mm)
MCT-D	620 x 380 x 650

Model No.	Dimension(mm)
MCT-D	620 x 380 x 950

Frame	Aluminum profile (Anodizing surface coating)
Worktop	PB 18T LPM
Shelving Bracket	EGI steel (Acid resistant epoxy powder coating)
Shelving Tray	EGI steel (Acid resistant epoxy powder coating)
Profile Cap	PBT
Cover	ABS
Features	Height adjustable frame from 650mm to 950mm (Increment : 50mm) Easy recognition for the height of table with marking Height adjustable shelving trays (Interval 50mm) Casters with locking device Protection guard at the end of worktop for safety and for electrical wiring

PC table

Mobile PC table with various configuration



Post type



Dual monitor type 1



Dual monitor type 2

Model No.	Dimension(mm)
MCT-P	450 x 560 x 1210 / 1360

Model No.	Dimension(mm)
MCT-B	660 x 560 x 1210

Model No.	Dimension(mm)
MCT-L	450 x 610 x 1210 / 1360

Frame	Aluminum profile (Anodizing surface coating)
Cover	ABS
Profile Cap	PBT
PC Tray	EGI steel (Acid resistant epoxy powder coating)
Keyboard Tray	PB 18T LPM
Mouse Pad	PVC Fabric
Caster	Urethane caster with locking device
Features	Height adjustable frame from 750mm to 900mm (Increment : 50mm) Easy recognition for the height of table with marking H frame for maximizing space Flexible structure for dual monitors Height adjustable for monitor bracket (Available dual monitor type 1)

Balance table

Table for analytical balances



Model No.	Dimension(mm)
BT09075	900 x 750 x 800

Worktop	20T + 5T Modular worktop (Truss structured aluminum profile + Frosted tempered safety glass / PP / Solid phenolic laminate) 20T TRESPA TOPLAB® PLUS (Optional), 20T FunderMax Max Resistance² (Optional), granite
Frame	Aluminum profile (Anodizing surface coating) Supporting frame : SUS304
Skirt	EGI steel (Acid resistant epoxy powder coating), chemical resistant pp composite
Foot Base	Upper : SS200, Lower : PP, Foot base : SPC, zinc coating, NBR

Under table cabinet

Laboratory under table cabinet for storing materials safely (E0 grade)



E0 formaldehyde emission standards rating?
Less than 0.5mg/l for formaldehyde emission limit
Formaldehyde exposure is associated with skin disorders, headaches, dizziness and certain types of cancer.



Drawer type



Open type



Door type

Model No.	PPS No. (Korea Only)	Dimension(mm)
PMS1	22086467	410 x 535 x 680
PMD2	22084705	410 x 535 x 680
PMD3	22084706	410 x 535 x 680
PMD4	22084707	410 x 535 x 680

Model No.	PPS No. (Korea Only)	Dimension(mm)
PC08	-	880 x 400 x 680
PC09	-	990 x 400 x 680

Model No.	PPS No. (Korea Only)	Dimension(mm)
PCD8	22086466	880 x 400 x 680
PCD9	22086465	990 x 400 x 680

Body	E0 grade PB
Frame	Aluminum profile (Anodizing surface coating)
Door	E0 grade PB, aluminum profile (Anodizing surface coating)
Foot	Height adjustable round foot
Caster	Twin casters with locking device and sub caster
Features	Twin casters with locking device and sub caster for protecting materials safely

Configuration with table



HA15075+PCD9+PMD3



HA18075+PMD3+PCD8+PMD2



HA18075+PMD4+PCO8+PMS1

Wall cabinet

Laboratory wall cabinet for storing materials safely (E0 grade)



E0 formaldehyde emission standards rating?
 Less than 0.5mg/l for formaldehyde emission limit
 Formaldehyde exposure is associated with skin disorders, headaches, dizziness and certain types of cancer.



Open Type



Wood Door Type



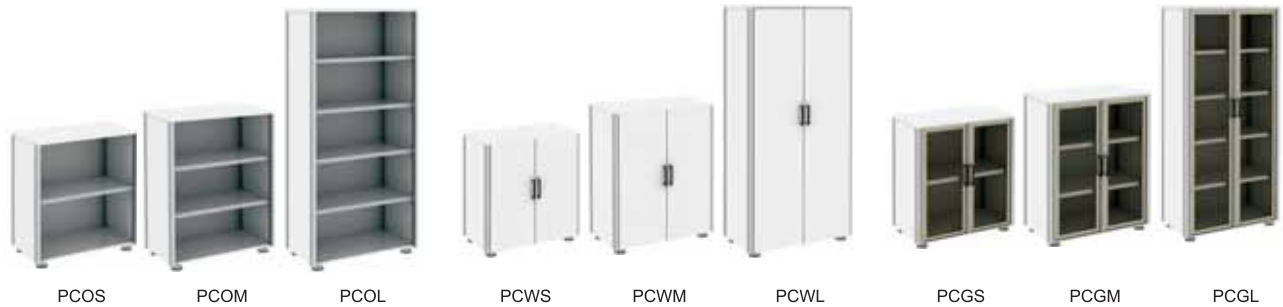
Glass Door Type

Model No.	PPS No. (Korea Only)	Dimension(mm)
PCOS	-	800 x 450 x 800
PCOM	-	800 x 450 x 1040
PCOL	-	800 x 450 x 1800

Model No.	PPS No. (Korea Only)	Dimension(mm)
PCWS	22082859	800 x 450 x 800
PCWM	22082860	800 x 450 x 1040
PCWL	22082861	800 x 450 x 1800

Model No.	PPS No. (Korea Only)	Dimension(mm)
PCGS	22082856	800 x 450 x 800
PCGM	22082857	800 x 450 x 1040
PCGL	22082858	800 x 450 x 1800

Detail image



Configuration with each cabinet



Body	E0 grade PB
Frame	Aluminum profile (Anodizing surface coating)
Shelving	E0 grade PB
Door	E0 grade PB, aluminum profile (Anodizing surface coating), frosted tempered safety glass
Foot	Height adjustable round foot
Features	Door damper for impact resistance and noise reduction Brown color glass door for protecting from discoloration, locking device for protecting materials safely / combination available

KANGO Lab Chair (Origin: France)

GS approval & DIN 68877 standard complied laboratory chairs

Standard lab chair



NR930

- Soft polyurethane stand-up seat
- Semicircular steel base covered in black PVC coating
- Non rotating and tilted by gas-lift column
- Height adjustable from 750 to 950mm with extension piece
- Height adjustable from 630 to 860mm without extension piece
- Shock absorber
- Cylindrical seat in black KANGO soft polyurethane with carry handle
- KANGO patented



741GHK

- Soft polyurethane asynchronous chair
- Chrome, scuff resistance and reinforced base with articulated glides
- Chrome gas-lift column with height adjustment from 560 to 800mm
- Shock absorber
- Height adjustable aluminum foot-ring
- Ergonomic seat in black kango soft polyurethane
- Independently adjustable seat and backrest tilt with one fingertip lever
- Height adjustable backrest in black soft polyurethane

Stainless steel lab chair



930MX

- Soft polyurethane stand-up seat
- Stainless steel semicircular shaped-base
- Tilted stainless steel column with height adjustment from 710 to 990mm
- Cylindrical seat in black KANGO soft polyurethane with carry handle
- KANGO patented



732MXK

- Soft polyurethane asynchronous chair
- Stainless steel 5 star base fitted with glides
- Stainless steel column with height adjustment from 500 to 750mm
- Screw located inside the column
- Stainless steel foot-ring
- Ergonomic seat in black KANGO soft polyurethane
- Backrest in black soft polyurethane

Anti-static ESD lab chair



740GBEKR

- Soft polyurethane anti-static chair
- Chrome, scuff resistance and reinforced base with articulated glides
- Heavy-duty antistatic casters
- Chrome gas-lift column with height adjustment from 470 to 600mm
- Shock absorber
- Ergonomic seat in antistatic black KANGO soft polyurethane
- Special conductive polyurethane connects to the metal parts of the chair
- Allowing electricity for discharging through carbon casters or pads

Lab chair

Laboratory chairs with ergonomic design and functions



Model No.	Dimension(mm)
SI-4108	360 x 360 x 490 / 620

- Gas-lift column for height adjustment
- Casters



Model No.	Dimension(mm)
SI-4102	560 x 480 x 830 / 960

- Gas-lift column for height adjustment
- Casters / Backrest



Model No.	Dimension(mm)
SI-4101	560 x 480 x 830 / 960

- Gas-lift column for height adjustment
- Casters / Backrest / Armrest



Model No.	Dimension(mm)
SI-4103	560 x 480 x 880 / 1060

- Gas-lift column for height adjustment
- Casters / Backrest / Armrest / Foot-ring



Model No.	Dimension(mm)
SI-1502	590 x 570 x 1020 / 1060

- Gas-lift column for height adjustment
- Ergonomic design / Urethane casters
- Backrest tilting



Model No.	Dimension(mm)
SI-1501	590 x 570 x 1180 / 1230

- Gas-lift column for height adjustment
- Ergonomic design / Urethane casters
- Backrest tilting / Headrest