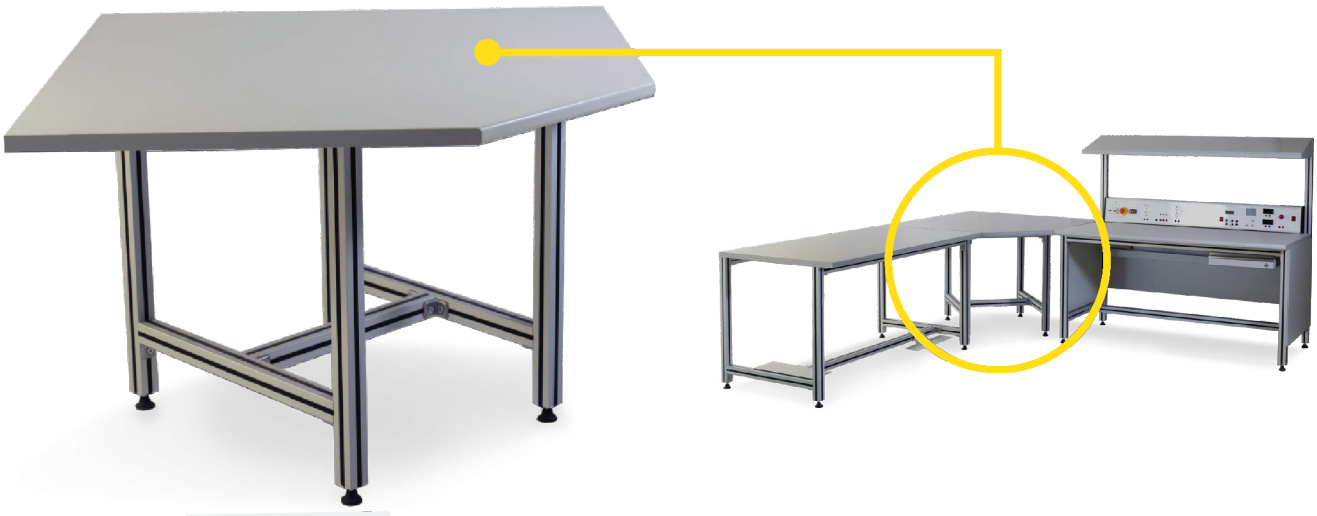
MA1901

Corner Laboratory Desk



General Specifications

- The desk is specially designed to make the corner areas of the room more beneficial to usage.
- The desk provides a comfortable working space between the two desks.
- The canals located on the aluminium profiles assist in hiding cables that are up to 3x1,5 mm2 thick.
- The visible canals located on the aluminium profile are covered with black wicks.
- The front surface of the desk is shaped as a curved semi-circle to enable the user to work ergonomically.
- The feet of the desks are 45mm in diameter and black. The height can be adjusted up to 50mm.
- The desks can be positioned adjacent side by side.
- Connection tools such as clamps, clips, 'A' clamps that are compatible with 30 mm of table thickness can be attached to the desks' front and sides.

Technical Specifications

Desk Slab Size : 1150 x 800 mm
Desk Height : 500 mm
Desk Slab Height : 780 mm
Desk Slab : 30 mm Lamination
Desk Skeleton : 45x45 mm anodized Aluminium profile.

Energy Units

EU series energy units are typically manufactured in 13 different ways. The exterior frame of the energy units are made out of curved aluminium and has a dimension of 1490x200x90mm and customization is provided based on customer's needs and demands. The assembly of the frame to the panel doesn't require any screws or bolts as the slotted structure eliminates the need for them and the exterior frame is designed to be attached to any place needed.

Energy Cables : 3x2,5mm² in size for monophase (220VAC) supplies, 5x2,5mm² in size for triphase (380VAC) supplies
Protection Equipments : safety fuse, emergency stop button, leakage current protection relay and start-stop button

Additional Options and Accessories

Single, Two Unit, Three Unit Drawer
Back / Side Skirts
Table Surface ESD Lamination
Table Surface Hard Rubber
Company Logo Engraving
PC Case Holder Below Desk
Foot Rest
Stacking Rack Below Desk
Two Unit, Three Unit Drawer with Wheels
Cable Hiding Canal / Brush
Table Surface / Shelf ESD Kit
Module Rack (Single / Double)
Perforated Metal Sheet
Compact Panel Placement
LCD Monitor Holder
Container Bin Kit

EU-1001
- 6 x 220VAC monophase socket outlet

EU-1002
- 6 x 220VAC monophase socket outlet
- 4 x 220VAC UPS socket outlet

EU-1003
- 6 x 220VAC monophase socket outlet
- 6 x 220VAC UPS socket outlet
- RJ11 phone socket outlet
- RJ45 data socket outlet

EU-1004
- 6 x 220VAC monophase socket outlet
- 6 x 220VAC UPS socket outlet
- 3 x 220VAC UPS socket outlet with on/off switch
- RJ11 phone socket outlet
- RJ45 data socket outlet

EU-1005
- 6 x 220VAC monophase socket outlet
- 3 x 220VAC monophase socket outlet with on/off switch
- 6 x 220VAC UPS socket outlet
- RJ11 phone socket outlet
- RJ45 data socket outlet

EU-1006

- 3 x 220VAC monophase socket outlet
- 2 x 220VAC monophase socket outlet and 1 x 220VAC on/off switch controlled energy outlet block with banana socket outlet
- 2 x USB outlet providing 5V voltage and 1A current
- RJ11 phone socket outlet
- RJ45 data socket outlet

EU-1007

- 4 x 220VAC monophase socket outlet
- 2 x 220VAC IEC and banana socket outlet
- 5V, 12V and 24V DC steady voltage outlet with on/off switch that can provide 24W of power per channel
- 12V, 24V and 220V AC steady voltage outlet that can provide 1A of current
- 12V DC vocal ve illuminated serial lamp

EU-1008

- 6 x 220VAC monophase socket outlet
- 3 x 220VAC UPS socket outlet
- DC adjustable voltage outlet with on/off switch that can provide 0-30V of voltage and 0-5A of current outlet with a digital screen that enables the user to observe current and voltage values on screen
- RJ11 phone socket outlet
- RJ45 data socket outlet

EU-1009

- 4 x 220VAC monophase socket outlet
- 2 x 220VAC banana socket outlet
- 5V, 12V and 24V DC steady voltage outlet with on/off switch that can provide 24W of power per channel
- DC adjustable voltage outlet with on/off switch that can provide 0-30V of voltage and 0-5A of current outlet with a digital screen that enables the user to observe current and voltage values on screen
- AC voltage outlet with on/off switch that can provide 0-220V of voltage and 0-1A of current outlet with a digital screen that enables the user to observe the voltage values on screen
- 12V DC vocal ve illuminated serial lamp

EU-1010

- 4 x 220VAC monophase socket outlet
- 2 x 220VAC banana socket outlet
- 5V, 12V and 24V DC steady voltage outlet with on/off switch that can provide 24W of power per channel
- DC adjustable voltage outlet with on/off switch that can provide 0-30V of voltage and 0-5A of current outlet with a digital screen that enables the user to observe current and voltage values on screen
- AC voltage outlet with on/off switch that can provide 0-220V of voltage and 0-1A of current outlet with a digital screen that enables the user to observe the voltage values on screen
- Signal generator outlet with on/off switch that can generate Sine-Triangle-Square which can be adjusted within 1Hz – 100kHz value of frequency and 0-10Vpp value of amplitude
- 12V DC vocal ve illuminated serial lamp

EU-1011

- AC Energy Outlets : 4 x 220V AC Socket, 1 x Banana socket outlet
- DC Energy Outlets : 5V - 12V - 24V Steady DC Voltage outlet
- DC Energy Outlets : 0-30V 0-5A DC tuned outlet
- Measurement Unit: Oscilloscope, Signal Generator
- DC Voltmeter: 0-199.99V
- DC Amperemeter: 0-9.99A
- *P-LAB-II ™ Unit*

The unit has a 3,2" colorful LCD display with touchscreen and all the controlls can be practiced on this display.

Osiloskop *Oscilloscope*		**Sinyal Jeneratörü** *Signal Generator*	
Kanal Sayısı *Channels*	2	**Kanal Sayısı** *Channels*	1
Band Genişliği *Bandwidth*	2 Mhz	**Band Genişliği** *Bandwidth*	1 Hz ~ 100 kHZ
Örnekleme Oranı *Sampling Rate*	10 Msa/s	**Dalga Formları** *Waveforms*	Sinüs, Üçgen, Kare Sine, Triangle, Square
FFT Analizi *FFT Analysis*	512 Nokta *512 Points*	**Genlik Aralığı** *Amplitude Range*	-5V ~ +5V

EU-1012

- Network Analyzer appropriate to triphase network connection with a 3'2" colorful TFT display that enables the user to observe the graphics of current, voltage, active power, reactive power, cosØ, active energy, reactive energy, THD, unstabled voltage and current parameters
- 1 x 5x16A triphase socket outlet
- 1 x 3 phase+ neutral + earth banana socket
- 2 x 220VAC monophase socket outlet
- 1 x 220VAC banana socket
- AC Amperemeter Unit that can provide 0 – 10A value of current measurement with digital display
- AC Voltmeter Unit that can provide 0 – 750V value of voltage measurement with digital display
- AC voltage outlet with on/off switch that can provide 0-220V of voltage and 0-1A of current outlet with a digital screen that enables the user to observe the voltage values on screen
- 220VAC vocal ve illuminated serial lamp

EU-1013

- 4 x 220VAC monophase socket outlet
- 2 x 220VAC banana socket
- 5V, 12V and 24V DC steady voltage outlet with on/off switch that can provide 24W of power per channel
- DC adjustable voltage outlet with on/off switch that can provide 0-30V of voltage and 0-5A of current outlet with a digital screen that enables the user to observe current and voltage values on screen

• F-LAB™ Unit

I. The unit involves a 4,3" colorful LCD display with touchscreen and all the controlling can be done both on the display and on the computer via communication ports

II. The unit has 2 channel digital oscilloscope outlet. Oscilloscope has a bandwidth of 10MHz frequency. Vertical sensitivity is between 10mV/div~10V/div, while horizontal sensivity is between 200ms/div~100ns/div The unit has the ability of a spectrum analyzer that can analyze 1024 point FFT. Sampling rate is 50Mhr/sec. There is component testing feature for passive circuit elements

III. The unit can provide 10 Hz ~ 500kHz of frequency and also -5V ~ 5V amplitude gap and 2 channel quality of signal. Sine, triangle, square, sawtooth (ramp) ve Arbitrary signal (mathematical functions) can be composed.

IV. The unit has USB interface and ethernet interface that enables network communication to transfer the data.

V. All the values and results can be observed and controlled with the touchscreen on the LCD display, and also can be viewed on the computer software and be saved on the computer interface via communication ports.

- DC Ampermeter Unit with a digital display that can calculate up to 0 – 9.99A value of current
- DC Voltermeter Unit with a digital display that can calculate up to 0 – 199.9V value of voltage
- 12V DC vocal ve illuminated serial lamp

Options - Accessories Compatibility Table

List of Options		
OP1101	SINGLE DRAWER	✓
OP1102	TWO UNIT DRAWER	✓
OP1103	THREE UNIT DRAWER	✓
OP1151	BACK SKIRT BELOW DESK	✓
OP1152	SIDE SKIRT BELOW DESK	✓
OP1121	TABLE SURFACE ESD LAMINATION	✓
OP1122	TABLE SHELF ESD LAMINATION	
OP1123	TABLE SHELF ESD LAMINATION	
OP1131	TABLE SURFACE HARD RUBBER	✓
OP1141	ENERGY UNIT COMPANY LOGO ENGRAVING	✓

List of Accessories		
AK1101	TWO UNIT DRAWER WITH WHEELS	✓
AK1102	THREE UNIT DRAWER WITH WHEELS	✓
AK1151	PC CASE HOLDER BELOW DESK	✓
AK1152	FOOT REST	✓
AK1153	STACKING RACK BELOW DESK	✓
AK1154	CABLE HIDING CANAL BELOW DESK	✓
AK1155	CABLE HIDING CANAL BRUSH	✓
AK1181	TABLE SURFACE ESD KIT	✓
AK1182	TABLE SHELF ESD KIT	
AK1183	TABLE SHELF ESD KIT	
AK1111	SINGLE MODULE RACK	
AK1112	DOUBLE MODULE RACK	
AK1121	PERFORATED METAL SHEET	
AK1122	PERFORATED METAL SHEET	
AK1123	PERFORATED METAL SHEET	
AK1124	PERFORATED METAL SHEET	
AK1131	COMPACT PANEL PLACEMENT	
AK1132	COMPACT PANEL PLACEMENT	
AK1133	COMPACT PANEL PLACEMENT	
AK1134	COMPACT PANEL PLACEMENT	
AK1171	LCD MONITOR HOLDER	
AK1195	CONTAINER BIN KIT	
AK1191	ENERGY UNIT CABLE KIT	✓
AK1192	ENERGY UNIT F-LAB CABLE KIT	✓