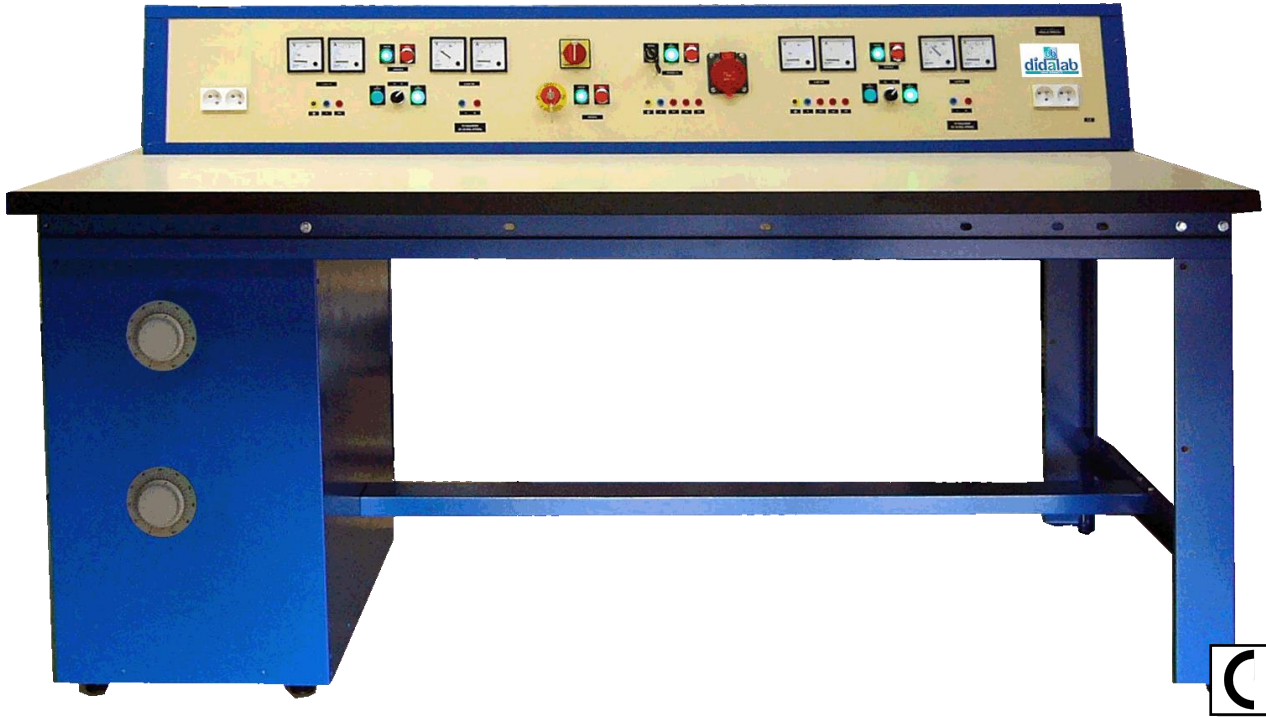




TECHNICAL FURNITURE



ELD 100 B : 2-kW ELECTRICAL ENGINEERING TABLE



ELD 100 000



Main information

- Dimensions : H850 x L2000 x P1000mm,
 - 1 laminate worktop on high density chipboard, thickness 37 mm.
 - 1 technical pedestal with door equipped with a key lock for power components,
 - 1 power supply distribution panel, dimensions W1950 x D300 x H250mm with access to circuit breakers via a rear door along the entire length.
 - 1 connection pole
- All circuit breakers will be integrated into the electrical panel.

Targeted laboratories

- Especially suitable for power electronics experiments,
- Analogue measurements of AC and DC voltages and currents.
- 2 three-phase power supplies and 2 continuous power supplies
- Totally secure

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Electrical equipment of the general module

- 1 switch-disconnector with front control,
- 1 thermal-magnetic circuit breaker 20A curve D
- 1 emergency stop button switch with key (positive safety),
- The general controls of the station are done by push buttons - on and off - with a start-up indicator,
- 1 emergency stop button switch with 455 key (positive safety) with yellow label.

Power supplies available on the electrical panel

- **1 power supply, 400-V+N+E , on Ø4-mm safety sockets**

with protection by thermal-magnetic circuit breaker 16A curve C and Control by key-operated button with spring-loaded recall with start-up indicator.

Stop by push button.

- **1 power supply, 230V+ N+E on 2 x 2 sockets**

with protection by 16A curve C thermal-magnetic circuit breaker, 1 power on indicator light,

- **1 power supply, 0-430VAC-8A or 0-270VDC-16A , on Ø4-mm safety sockets**

with PD3 diode bridge rectifier and dispersion heater on three-phase transformer, equipped with:

- Protection on AC and DC outputs by thermal-magnetic circuit breaker,
- Controls by key-operated pushbuttons + display and stop, AC and DC source selection by switch,
- Mandatory reset of the alternator,
- Voltage and current visualization via analogue indicators.

- **1 auxiliary power supply, 0-250VAC-2,5A or 0-250VDC-2,5A, on Ø4-mm safety sockets**

with graetz bridge rectification on single phase transformer and equipped with:

- AC and DC output protection against overloads and short-circuits circuit breakers
- Controls by key-operated pushbuttons + display and stop, AC and DC source selection by switch,
- Mandatory reset of the alternator,
- Voltage and current visualization via analogue indicators.

Other available table

EMO 100 B Table for Electronics

- For your other laboratories in Electrical Engineering,
- For your laboratories in 300-W Power Electronics and Motors studies equipped with our EM(S)300B power supplies (providing adjustable 3-phase and DC from a 220 V/16A socket)

Didalab suggests "electronics" tables,

- 1 power supply 230V + N + T on 3x3 sockets,
- 1 magnetothermal circuit breaker
- 1 emergency stop button
- 1 RJ45 socket (not wired)

[\(internet link to EMO100B\)](#)



Document non contractuel.