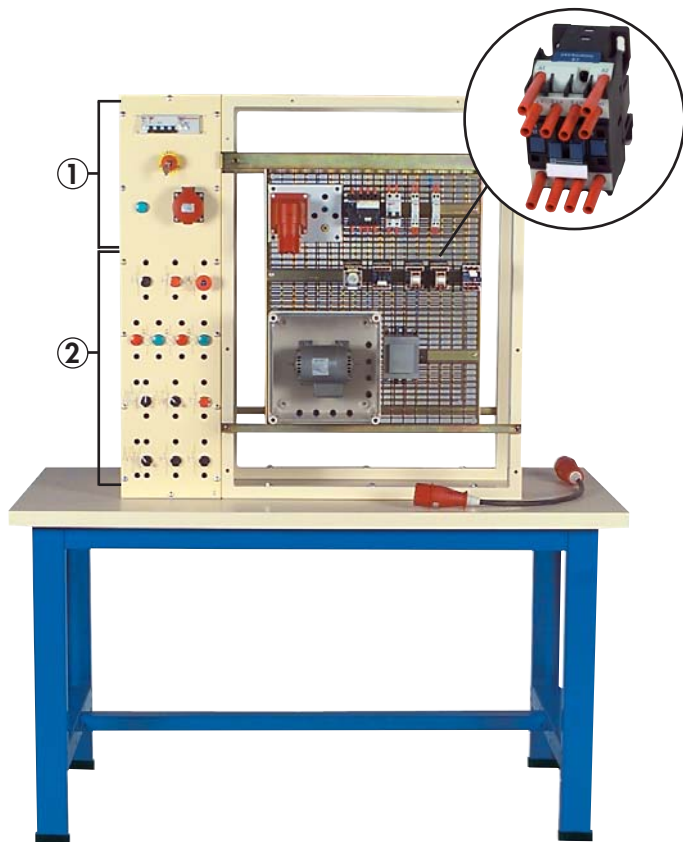
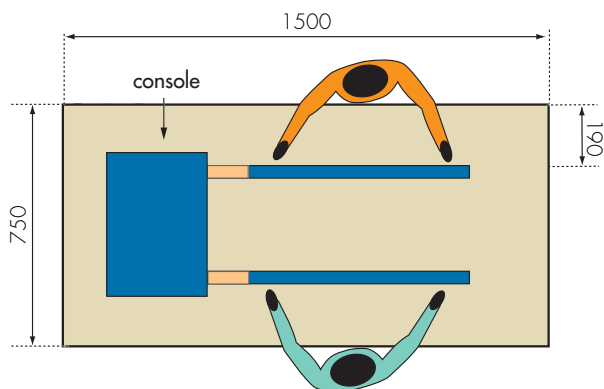


# Station for jumper wire assembly



ref. LABOFIL-2



The bench has a 1500 x 750mm high-temperature, stratified top and a single-leg assembly. This double-sided station for two students enables you to quickly test the fittings using the "jumper wire" technique. Each component is fitted with  $\varnothing 4$ mm safety sockets which are compatible with fixed sheath safety leads. Thanks to this design, interconnections can be made very quickly and in complete safety. The side unit encloses actuators behind two engraved front sections. Each user has the same parts on each side. This unit is also used to switch on and protect the study grid, and to switch it off in the case of an emergency.

## DESCRIPTION OF THE SIDE BOX

### ① TOP SECTION

- A 30mA residual four-pole circuit breaker
- An emergency stop button
- An undervoltage trigger to ensure positive safety
- An hard-wearing "power on" lamp
- An industrial power outlet for distribution to the wiring grid.

### ② BOTTOM SECTION

Each actuator is identified by a standard symbol engraved on the front surface. Each polarity is attached to a safety terminal set into the front surface.

- One red stop button ("NO" contact)
- One black start button ("NC" contact)
- One key-operated emergency stop button ("NC" contact)
- Two red warning lamps with IN-24 volt bulbs
- Two green warning lamps with IN-24 volt bulbs
- One three-position turning knob ("NO" + "NO" contacts)
- One two-position turning knob ("NC" contact)
- One red-topped push-button ("NO" contact)
- One two-position turning knob ("NO" + "NC" contacts)
- Two black-topped push-buttons ("NC" contact)

## DESCRIPTION OF WIRING GRID

The components are fitted with female safety sockets which allow rapid connection using  $\varnothing 4$  safety leads. These safety sockets make every IP2X part safe for the user. The following equipment can be found on this grid:

- One junction box with rapid connection to the supply from the side box
- One 230/24V transformer for the control circuit
- One circuit breaker switch with four-pole fuse
- One DPN 4A/C circuit breaker
- Two fused PH/N circuit breakers
- One three-phase 12A switch – 24V coil – "NC" + aux. "NO" + "NC" contacts
- One three-phase 12A switch – 24V coil – "NC" contacts – one time-delayed "work" addition
- One 12A inverter switch – 24V coil – each with "NO" contact – mechanical locking
- A thermal relay with its mounting (size tailored to the motor) – "NO" contact
- One "modified" low-power 400/660V three-phase motor.

**The following accessories are supplied:** one cable for connecting the side power supply to the wiring plate. All the components described above. Technical dossier with instructions, parts list and a few wiring diagrams.

QUALITY OF STRATIFIED TOP



SHOCK  
RESISTANT



ABRASION  
RESISTANT



SCRATCH  
RESISTANT



CHEMICAL  
RESISTANT



EASY  
TO CLEAN



Uniformly  
distributed

QUALITY OF STEEL



- 5 EPOXY PAINT LAYER 2
- 4 EPOXY PAINT LAYER 1
- 3 ELECTROGALVANIZED LAYER
- 2 UNOXYDISISED STEEL
- 1 PVC BASE