

STEM workstation



Workstation Frames		
TABBL18	Basic workstation frame, 1800 x 700 mm	1 x
Equipment Panels		
EP20L18	BASIC20 Instrument panel 1800 mm	1 x
Modules		
(1) EP15ELPSL2	1 phase sockets, schuko, 2 pcs	1 x
(2) EP15ELPSL2	1 phase sockets, schuko, 2 pcs	1 x
(3) EPBLANCO100	Blanco module 100 mm	1 x
(4) EP15DPANEL	Connection panel max. 4 connections	1 x
DETH	RJ45-connection	1 x

DUSB2	2 x USB charger, type A, 5 V, 2.1 A	1 x
(5) EP15DYM410	Digital multimeter	1 x
(6) EP15DCA305PS	Variable DC power supply, 0-30 V, 0-5 A	1 x
(7) EP20ACA505	1 phase variable AC power supply, 0-50 V, 5 A	1 x
(8) EP20SSLF2900	Soldering station 100 W	1 x
(9) EP15ELPSL2	1 phase sockets, schuko, 2 pcs	1 x
(10) EP15ELPSL2	1 phase sockets, schuko, 2 pcs	1 x
(11) EP15SU1	1 phase supply unit	1 x
Accessories		
C20PU	Chair, black, polyurethane	1 x

TABBL18 Basic workstation frame

- ESD-painted steel frame
- Four leg construction
- Two spacer bars for stable construction
- Table top with laminate surface, durable rounded plastic edges, colour light speckled grey
- Steplessly adjustable height: 650-900 mm
- Load capacity 300 kg
- Table top dimensions: 1800 x 700 mm



EP20L18 Energy panel

- Device panel for integrated electrical instruments
- Structure of the panel made of ESD-painted steel
- Compact design, depth and height only 215 mm
- Panel equipped with modular device system: Devices can be easily added
- Device panel is slanted to offer best usability
- Installed on table top - compatible with all workstation models
- Panel dimensions: 1800(W) x 215(D) x 215(H) mm



EP15ELPSL2 1-phase socket outlets

- 2 earthed European standard socket outlets
- Dimensions: 100(W) x 150(H) mm



EP15DPANEL Connection panel

- Connection panel, max. 4 connections
- Dimensions: 100(W) x 150(H) mm



DETH RJ45 connection

- RJ45 connection
- Require connection panel DPANEL



DUSB2 USB charger

- 2 x USB charger, type A, 5 V, 2.1 A
- Require connection panel DPANEL



EP15DYM410 Digital multimeter

- 3 ¾ digit display 3999 steps
- Basic accuracy $\pm 0,5\%$ + 2 digits
- Diode measurement and continuity testing
- Hold measurement
- Relative measurement
- Duty cycle (%) measurement
- Temperature measurement with K type Thermocouple
- Backlit Facility
- Equipped with power supply
- Standard accessories: manual, cable set
- Dimensions: 100(W) x 150(H) mm



DC voltage

Range	100 μ V...1000 V
Best resolution	0.001 mV
Best accuracy	$\pm(0.5\% + 2 \text{ digits})$

AC voltage

Range	100 μ V..1000 V
Best resolution	0.001 mV
Best accuracy	$\pm(1\% + 5 \text{ digits})$

DC current

Range	10 μ A...10 A
Best resolution	0.01 μ A
Best accuracy	$\pm(0.8\% + 2 \text{ digits})$

AC current

Range	10 μ A...10 A
Best resolution	0.01 μ A
Best accuracy	$\pm(1\% + 5 \text{ digits})$

Resistance

Range	100 mΩ...40 MΩ
Best resolution	0,01 Ω
Best accuracy	±(0.8 % + 2 digits)

Capacitance

Range	1 pF...200 μF
Best resolution	0.001nF
Best accuracy	±(0,5 % + 3 digits)

Frequency

Range	1 Hz...500 kHz
Best resolution	0.001 Hz
Best accuracy	±(0.2 % + 2 digits)

Temperature

Range	0...+1300 °C
Best resolution	1 °C
Best accuracy	±(2 % + 3 digits)

EP15DCA305PS Variable DC power supply

- Output values: 0-30 V, 0-5 A
- Short-circuit protected
- Stepless adjustment for output voltage
- Stepless adjustment for current limitation
- Measurement of current and voltage
- Output from 4 mm safety terminals
- Dimensions: 250(W) x 150(H) mm



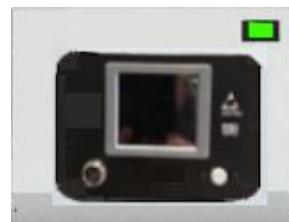
EP20ACA505 1 phase variable AC power supply

- Variable transformer 0-50 V, 5 A AC
- Galvanic isolation
- Overload protection
- Output: 4 mm safety terminals
- Digital meters for output voltage and current
- Voltage measuring: 0-10 V AC, best resolution 1 mV and 10-50 VAC 10 mV, accuracy 1 %
- Current measuring: 0-5 A AC, best resolution 10 mA, accuracy 1 %
- Main switch with indicator light
- Dimensions: 300(W) x 150(H) mm



EP20SSLF2900 Soldering station

- Especially designed for lead-free soldering
- Power: 100 W
- ± 3°C temperature stability
- Temperature adjustable 100-500°C (
- 32 VAC hi-recovery nichrome heating



- Auto power down after 15 minutes of idling
- 45 second ramp time to max temp setting
- LCD display which shows the temperature set and the current temperature (in °C)
- High quality housing ESD Safe Replaceable Soldering iron with a plug (detachable from base station)
- Pre-setting function for 3 temperatures
- Control Panel:
- All controls operate are on the LCD display screen
- Includes soldering station, soldering iron and stand for the iron
- Standard tip: SDK601
- Dimensions: 2005(W) x 150(H) mm

EP15ELPSL2 1-phase socket outlets

- 2 earthed European standard socket outlets
- Dimensions: 100(W) x 150(H) mm



EP15SU1 1-phase supply unit

- Main switch for the whole workstation with START position
- Green indicator light
- Integrated emergency switch, reset from the main switch
- Automatic restart prevention system e.g. after power failure
- Fault current protection (30 mA) for all devices connected to the supply unit
- Outlets for the device modules
- Dimensions: 150(W) x 150(H) mm



C20PU Chair

- User-friendly and quick adjustability
- Large, ergonomically designed seat and backrest and lumbar support
- Black
- Polyurethane
- Height/backrest/tilt adjustment
- Castors with load-sensitive brakes
- Seat height: 440-620 mm

