

Vario**Lab+**

Vario**Clickλ**

Verti**Go**

Vario**Lift**

EL**Work**

Realization

Since 2000, Diametral's workplace systems have been used in many sectors of industry and education. An example of the use of VarioLab+ tables is the equipment of the development workplace of large household appliances of Electrolux Romania, Siemens development workplaces, test rooms and development workplaces of Bosch České Budějovice, Continental, Škoda auto and many others. Eaton Elektrotechnika uses VertiGo tables in its European central development center. In the field of education, universities are equipped with our tables: Czech Technical University in Prague, Technical University in Brno, Central European Institute of Technology. Furthermore, secondary vocational schools from the Czech Republic, Slovakia and Hungary and other state and private institutions.



VOŠ a SPŠ automobilní a technická, České Budějovice

- Purpose: Equipping a specialist classroom for teaching automotive and technical subjects.
- Implemented: Eight VarioLab+ student desks with instrument superstructure with modules. Teacher control panel module. Cable racks and furniture for storing other teaching aids.
- Year of realization 2022.



Střední průmyslová škola TOS VARNSDORF

- Purpose: Equipping specialist classrooms for teaching engineering and electrical engineering subjects - electrical engineering.
- Realized equipment: 6x VarioLab+ tables with instrument superstructure with a teacher's table with a control panel for 6 workplaces, 12x VarioClick practical teaching workplaces for electrical engineering and automation with UnoVolta panels and a teacher's table with a control desk for 12 workplaces.
- Year of realisation 2019.



Střední škola - COPT Kroměříž

- Purpose: Innovation of laboratories in the field of electrical engineering and electrician - implementation of a teaching system.
- Realized equipment: 12 VarioLAB+ tables (6 fully equipped double-sided superstructures), corner teacher's workplace.
- Year of realization 2019.

Height-adjustable workplace for activities requiring a variable height of the work surface.



Advantages

- Quick change of worktop height by electric drive.
- Two silent or four powerful motors (in the VarioLift HEAVY version).
- Four memories for the most used height positions.
- Robust construction for heavy loads.
- Optional design widths and depths.
- Optional ESD design.
- Many combinations of shelves and instrument superstructures.
- Compatible with VarioLab+ accessories.





Advantages

- Large space to work.
- Ergonomic placement of devices and power supplies.
- Compatibility with the VarioLab+ system.
- Optional ESD design.
- Wide range of modular devices.
- Easy and quick exchange of modules.
- Multi-element safety protection of the workplace.

Examples of modules



Compressed air outlet



Micro soldering iron



Socket
3x 400 V / 16 A



Total Stop button



Large work area with all necessary devices within reach

Multifunctional system for production, research and education. A workplace that grows with the demands of the tasks performed.



Advantages

- Two active zones for a clear workplace.
- A wide range of devices in a modular design.
- Easy and quick exchange of modules.
- Optional ESD design.
- Combined safety features.
- Possibility of central remote control of workplace power supply.
- Robust construction.
- Large selection of dimensions.

Examples of modules



Compressed air outlet



Micro soldering iron



Laboratory voltage source



Main fuse module



Easy exchange of instrument modules

VarioClickλ

One-click hands-on training! A revolutionary way of electrical engineering education without the tedious fixing of electrical installation elements.



Advantages

- Quick fastening of the connection elements to the mounting plate.
- Clarity of practiced tasks.
- Fast replacement of the mounting plate even with the job.
- Robust and durable construction.
- Integrated workplace power supply.
- Possibility of central remote control of workplace power supply.

Assembly of elements in 3 steps



Saving time increases the effectiveness of education

Electromechanical workplaces.



Advantages

- The ideal solution for a workplace where electrical and mechanical work is carried out at the same time.
- The base of the table is made of a durable steel structure (loadable up to 500 kg).
- The worktop is made of solid beech (allows installation of a vise and other equipment).
- The electrical modules are clearly and safely integrated in the instrument superstructure.



Variable placement of the instrument superstructure in combination with shelves or without them.



The real solid wood 40 mm table top with possibility of fixing vise and many other tools.

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