

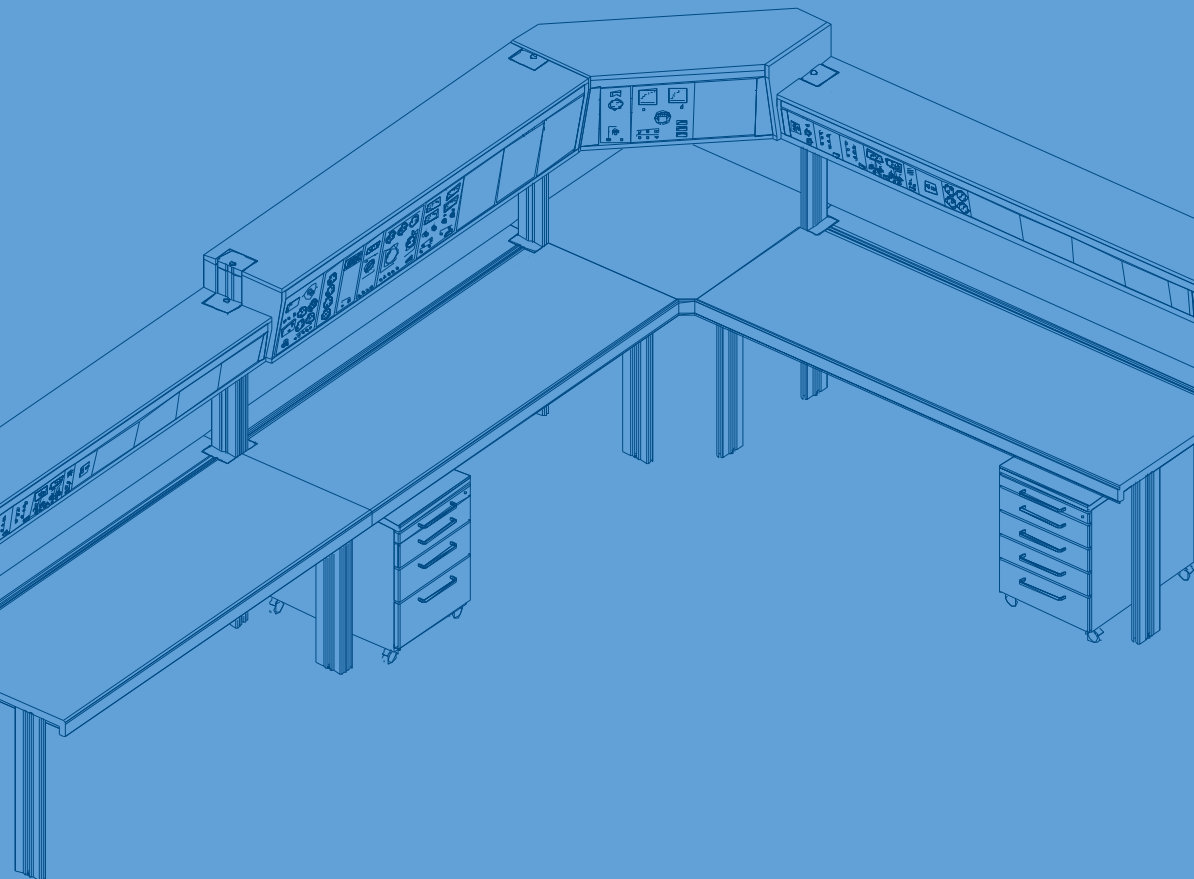
Elabo. Laboratory Systems Workshop Systems



euromicron group



Work station systems for electrical specialist rooms



ergonomic ■ functional ■ modular

5 important reasons for choosing complete solutions by Elabo



1

Everything from one source

Elabo provides you with turnkey solutions for complete room and work station fittings for research and development as well as for quality assurance. Our expert consultants design and plan according to your specific needs! They are able to utilise a continuous, functional and highly robust range of furniture and high-performance electrical components and electronic devices which are highly reliable and which can be fitted ergonomically into the furniture. Our planning means that you receive not only an optimum collection of products but also numerous important guidelines, for example on keeping escape routes clear in concordance with the standards.



2

Always at the top

With products and services made by Elabo, you can always be certain of receiving the latest technological standard - or even products of a superior standard! Patents, utility models and innovative products such as the first LED lamp for technical work station systems indicates the innovative force within our company. Supported by 35 employees working in design and development, we are always able to offer you maximum reliability and sturdiness combined with an excellent price-performance ratio. We are frequently able to provide updates for existing work stations. For example, we can retrofit all devices produced since 2005 with an Ethernet interface.



3

Customer tailored

Elabo plans productive solutions for nearly all electrical laboratory tasks for its clients, from individual work stations right up to entire networked rooms. Based on talks and, if applicable, an on-site meeting, our expert consultants obtain an accurate image of the competence spectrum and of the size of your team. From this they produce a concept for perfect process organisation, coupled with maximum economy of space.



4

Safe as houses

Qualified work, taking the latest standards into account: this is Elabo's objective for universal and specialist room fittings. Since 1972, we have represented maximum quality of detail in the production of electrical and electronic devices. This consistent philosophy is reflected in the extremely high availability and accuracy of each individual Elabo device. We are particularly conscientious about the protection of users when dimensioning the performance capability of our devices.



5

Motivation at the work station

Maximum efficiency - and finesses to delight our clients. Elabo products provide professionals with optimum possibilities for quick and careful work and support personal top performances through ergonomic quality. Our designers' and developers' years of experience with materials and specifications allow highlights to be created for your daily work. We even produce accessories such as tool sets packaged in foam inserts - to allow you to see at a glance whether everything is as it should be.



Specialist rooms for development and service



■ We design and plan your laboratory with you, coordinate the project, offer you as your central partner the procurement of all components from one source, organise the assembly of all furniture and the installation of the devices and software, take over, if applicable, construction supervision for conversion measures - and then hand over your new turnkey room or work station.



InForm

■ Elabo provides two furniture ranges for interlocking device integration. Both of these, EcoTec and InForm, have been generated from comprehensive user experience. They take different prioritisations into account in their conceptual designs. They do share some common components, such as cupboards. They are also both highly professional and fit for their purpose. Both represent what is understood in the market as a true Elabo system.



■ Electrical instruments can be integrated as modules into racks using inserts made by Elabo. The range of products extends from simple insert plates right up to inserts with remote controllable supply and meter devices.



EcoTecSP



Network equipment and software for electrical laboratories

■ Elabo provides a comprehensive remote controllable range of devices; over 35 Elabo devices can currently be procured with an Ethernet interface. This is the case whether you require voltage supply systems or signal generators. Multimeters and oscilloscopes are also available. All interface connections are located at the back of the devices so that the tabletop and the handling area remain free of unnecessary cables.

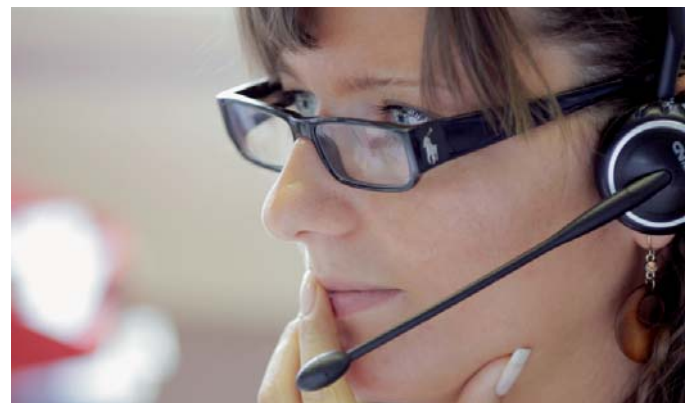


■ Using the Elabo Elution software, you can operate all these devices intuitively and efficiently. For example, individual setpoints or even complete voltage sequences can be programmed and transferred to the devices. Or you can save repeated measuring and testing tasks as "Templates" and restart at any time. Here the software always provides optimum data recording by simply recording all measurement values in an SQL database, or through targeted recording of the value you require.

Service

The best advice from the start.

■ Ergonomic work stations, room planning, electrical safety aspects: we are there to assist you, if applicable by visiting your company. We provide an advisory service on furniture and on electronic equipment, always taking the latest standards into account. Our three decades of experience mean that we know what is important and have already prepared customer-tailored solutions for numerous companies in all business sectors. We can also provide you with advice and assistance subsequent to your purchase as well as expedient additional services such as the calibration of test equipment acc. standards or loan devices.



References

AIRBUS Deutschland GmbH
ATLAS Copco Holding GmbH
AUDI AG, Ingolstadt
BAYER AG
BMW – Bayerische Motoren Werke AG
BOEHRINGER INGELHEIM
Pharma GmbH & Co. KG
BOSCH – Robert Bosch GmbH
BRAUN GmbH
BROSE Fahrzeugteile GmbH & Co. KG
COOPER – Apex Tool Group, LLC
DAIMLER AG
DANFOSS GmbH
DRÄGER – Drägerwerk AG & Co. KGaA
EADS Deutschland GmbH
ELECTROLUX Hausgeräte Vertriebs GmbH
ENDRESS + HAUSER
Messtechnik GmbH + Co. KG
E.ON Vertrieb Deutschland GmbH
ENBW – Energie Baden-Württemberg AG
FORD – Ford-Werke GmbH
GETRAG – Getriebe- und Zahnradfabrik
Hermann Hagenmeyer GmbH & Co. KG
HARMAN BECKER International
HEIDENHAIN –
Dr. Johannes HAIDENHAIN GmbH
HEKATRON Vertriebs GmbH

IBM Deutschland GmbH
INA-SCHAEFFLER –
Schaeffler Technologies GmbH & Co. KG
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JUMO GmbH & Co. KG
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WALDMANN –
Herbert Waldmann GmbH & Co. KG
YOKOGAWA Deutschland GmbH
ZF Friedrichshafen AG



German Federal Institute for Materials
Research and Testing

German Aerospace Centre

Fraunhofer Institutes, amongst others in
Chemnitz, Darmstadt, Dresden, Erlangen,
Freiburg and Pfinztal

Max-Planck Institutes amongst other things
in Frankfurt, Golm, Heidelberg and Jena

TÜV Product Service

Transferzentrum Mikroelektronik





Elabo GmbH
euromicron Group
Roßfelder Straße 56
D-74564 Crailsheim
Tel. (+49)7951/307-0
Fax (+49)7951/307-66
info@elabo.de
www.elabo.de

The Elabo GmbH.
Highly flexible solutions.
Efficient and economic.

Elabo is the partner for companies and institutions which produce or install electrical and electronics products and components, or use them for quality assurance. Elabo can develop modular and customer-tailored, highly-flexible and extremely economic systems especially for you.

The range of services comprises the design and fitting of professional rooms - for example electrical laboratories - as well as individual engineering and the construction of complex quality assurance facilities.

Elabo's efficiency is based on comprehensive know-how in electrotechnology and electronics, in mechanics and ergonomics, in process management and in logistics as well as in well-founded knowledge of occupational protection regulations and technical standards. Elabo is a hardware-manufacturing knowledge and service provider which focuses its services on the specific requirements of the respective customer - and which mainly produces inhouse. Elabo has the capabilities and the production facilities for high quality realisation of the concepts.

Elabo, founded in 1972 has approximately 150 employees and is the European leader in its market.

Elabo EducationSystems

Desks, racks with power supply systems and also measurement and testing equipment, cabinets and chairs: Elabo offers complete specialist rooms for electrotechnology, mechatronics, IT and related fields.



Elabo LaboratorySystems

Elabo is used not only in research and development but also in prototype construction. From pneumatic measuring equipment and ESD desks to software for archiving measurement results.



Elabo AssemblySystems

Profile system with extremely sturdy stands, cross-beams and roller conveyors: Elabo produces work stations for manual and partially automated production. Also available with integrated testing systems.



Elabo ProcessControlSystems

In computer centres, safety control centres or in energy supply - whether you require panels with operating elements or large-scale display systems, Elabo plans and implements rooms for process monitoring.



Elabo TestSystems

Measuring. Testing. Automation. Elabo designs customised testing situations for its customers. From high-voltage testing devices to highly sophisticated testing systems with interchangeable adapters.



Elabo WorkshopSystems

From the workbench to the documentation testing station: Elabo designs the tasks required for modern maintenance, from the simple desk to software for storing measurement values.

