

Festo Launches Electeo: A New Standard in Electronics Education

Transforming electronics skills development through innovation

"Electronics is essential for technical careers, driving both automation and sustainability. It's time to rethink how these skills are taught," explains Dr. Oliver Niese, Chairman of the Management Board of Festo Didactic SE. The blended learning solution Electeo by Festo Didactic makes electronics education effective, personalized, and digitized.

Modern training for industry readiness

Electeo is a new interactive training system for electronics that connects theory with practice. Designed for vocational schools, universities, and industrial training centers, it combines multimedia courses with a compact workstation equipped with specialized circuit boards and digital measurement tools. Learners gain experience in electricity, as well as analog and digital electronics, through guided hands-on experimentation.

Blended learning through integrated technology

Electeo reflects Festo's dual expertise in industry and education. At its core is a newly developed electronic core that seamlessly links hardware with courseware, ensuring a smooth learning and teaching experience.

The key benefits for users:

- All-in-one system – Embedded test and measurement tools means no external hardware required
- Broad compatibility – Works with most web browsers across computers, tablets, and smartphones
- Hassle-free setup – Fits smoothly into existing IT environments, no extra installation needed
- Intuitive to use – Designed for easy adoption by both teachers and students

Digital learning and simulation with Festo LX and FluidSIM 365

Electeo courses are available both as printable workbooks and on the Festo LX digital learning portal, allowing students to learn anytime and anywhere. Teachers can use LX to design lessons more efficiently with integrated AI tools, create personalized learning paths, and monitor student progress. For additional practice, learners can access FluidSIM 365 directly through Festo LX, enabling them to build, simulate, and test electronic circuits in real time.

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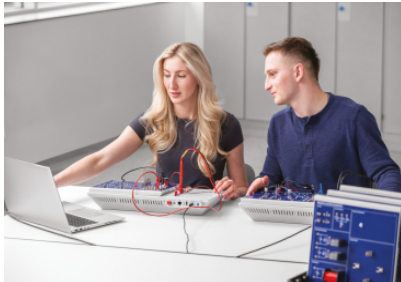
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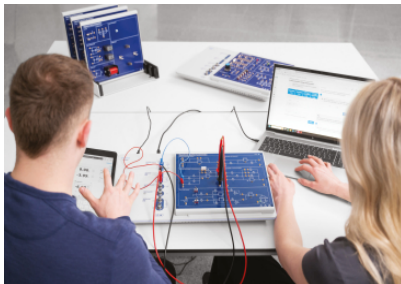
For more information go to <https://festo.com/electeo> or contact a Festo Didactic representative to schedule an appointment.

Press Images



Electeo 1

Electeo is an interactive learning system for electronics that brings theory to life through a collection of courses focusing on hands-on experimentation.



Electeo 2

Working on compact workstations equipped with specialized circuits boards and digital data acquisition tools, learners explore, measure, and understand the core concepts of electricity and a range of topics in analog and digital electronics ...

About Festo

Festo is a global player and an independent family-owned company with headquarters in Esslingen am Neckar, Germany. Festo has set standards in industrial automation technology and technical education ever since its establishment, thereby making a contribution to sustainable development of the environment, the economy and society. The company supplies pneumatic and electrical automation technology to 300,000 customers of factory and process automation in over 35 industries. Digitalization, AI and the LifeTech sector with medical technology and laboratory automation are becoming increasingly important. The products and services are available in 176 countries. With about 20,600 employees in over 250 branch offices in around 60 countries worldwide, Festo achieved a turnover of around €3.45 billion in 2024. More than 8% of this turnover is invested in research and development. In this learning company, 1.5 % of turnover is invested in basic and further training. Festo Didactic SE is a leading provider of technical education and training and offers its customers worldwide comprehensive digital and physical learning solutions in the industrial environment.