

Environment Discovery System

Official sporting equipment at Worldskills competitions



Wastewater treatment station

The station maps the physical functions of wastewater treatment after the sludge treatment and contains an aeration tank and a secondary settlement tank. Plastic granules are used as the soiled load and can be air-dried and re-used after utilization. The sludge return has a flow measurement system with an adjustable pump for setting and monitoring the sludge return ratio. The oxygen feeding on the station functions using an electrically adjustable compressed air diaphragm pump. Combined with the available oxygen sensor.

Order No: **8024507**

ESSENTIAL ACCESSORIES



Mobile trolley
700 x 770 x 700 mm

Desktop/Monitor holder
For mounting on workstation systems/workbenches

Water supply tank
The water supply tank acts as a simulated water source and intermediate water storage.

Tabletop Power Supply Unit
24 V DC, short-circuit-proof, max. 4.5 A, Size: 75 x 155 x 235 mm

DC Wattmeter and Energy software
The DC wattmeter is a smart meter for training facilities with a 24 V DC power supply and up to 120 W power consumption.

Order No:	8039990
Order No:	8069039
Order No:	8024503
Order No:	162417
Order No:	573261
Order No:	544304



All-in-one Desktop PC
The computer model includes a 23-inch Touch-Screen Computer that is a compact solution for saving space in the classroom. Software included.

Tool set
The tool set is an aid to easy working on stations. A practical mini-systainer includes: 200 mm steel ruler, Open-jawed spanners size 7, 8, 9, 10, Adjustable spanner, Side cutter and more.

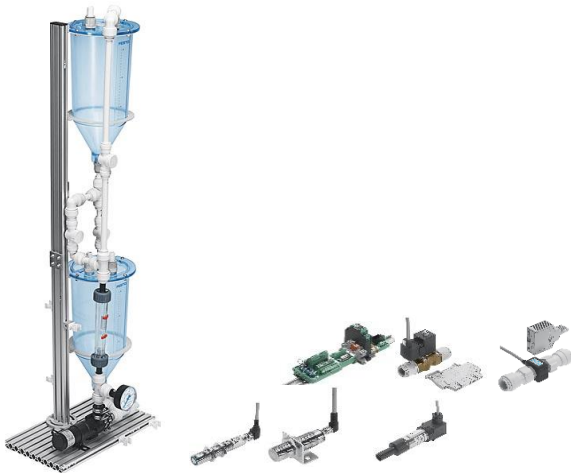
Pipe and tubing cutter
For plastic and Perbunan tubing with and without fabric enforcement with outside diameters up to 20 mm.

Teachware (Workbook)
- Wastewater Treatment
- Monitoring, controlling and optimizing operations
- Energy optimization in water and wastewater treatment plants

Order No:	(46999-05)	588441
Order No:		539767
Order No:		7658
Order No:		8027890
Order No:		8027891
Order No:		8027892

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EduKit PA Basic for process technology

Teaches the basic principles of project work and the fundamentals of closed-loop control – manual measurement, open and closed-loop control.

EduKit PA Advanced kit

Supplements the EduKit PA Basic modular product system with the topics of automated measurement, open and closed-loop control, sensors, and electrical interfaces

Order No:	549822
Order No:	564631



Pump Process Training Station

Type PPTS for educational purpose of maintenance, water technology and process automation. With control cabinet (stainless steel) including: PLC, frequency controller, touchpanel, power consumption measurement, ethernet communication Learning system compatible for Worldskills: Water Technology

Order No:	11950941
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ESSENTIAL ACCESSORIES



- **Trolley:** 750 x 350 x 700 mm
- **Desktop/Monitor holder**
- **All-in-one Desktop PC**
- **FluidLab®-PA Software**
Teach and demonstrates the fundamentals of control technology
- **Workbook for EduKit PA**
This workbook explains the basic principles of process technology and provides an introduction to the subject.

Order No:	8033248
Order No:	8069039
Order No:	(46999-05) 588441
Order No:	567224
Order No:	563971



- **Simulation Box:** Used to Display input signals and force outputs
- **EasyPort USB:** An interface for measuring and control
- **Tabletop power supply Unit**
- **5-fold plug socket strip**
- **Cables:** Power cord, Syslink, Crossover syslink, analogue- Parallel

Order No:	526863
Order No:	548687
Order No:	162417
Order No:	380707
Order No:	549860
Order No:	34031
Order No:	167106
Order No:	529141



Festo Didactic
18 – 26 Electron ave
Isando
South Africa
Tel: +2711 971 5500
Didactic.za@festo.com