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Product Name :	**Product Code :**
Training System Level Control, HSI	AR498

Description :

Training System Level Control, HSI

Technical Specification :

Training System: Level Control, HSI
The device series contains a complete introductory course to control technology for the common controlled variables of level, flow rate, pressure, temperature, speed and position. The combination of the clear, real-world controlled system and simulations of other controlled systems aids understanding. Preparations for the experiments, as well as software simulations can be carried out in Remote Learning environments. The experiments can be observed at any number of workstations on the local network.
Experimental unit for control engineering experiments
Level control process with transparent tank
Speed-controlled pump
Level measurement by pressure sensor
Disturbance variables generated by electromagnetic proportional valve in tank outlet
Tank with overflow and graduated scale
Software-based controlled system simulation
Process schematic on front panel
Networkable software
Software with control functions and data acquisition via USB under Windows 7, 8.1, 10 including PC1 Computer-System with 21" TFT-Monitor Win 10 engl.

Technical Data:
Level-controlled tank

Capacity: 1200mL
Storage tank
Capacity: 3700mL
Pump
Power consumption: 18w
Flow rate: 8l/min
Head: 6m
Proportional valve: Kvs: 0,7mÂ³/h
Pressure sensor: 0...30mbar (0...300mm)
Software controller configurable as P, PI, PID and switching controller
Software
Process schematic with controller type selection (manual, continuous controller, two- or three-point controller, programmer)
Time functions
Simulation function
Disturbance variable input
230V, 50Hz, 1 phase

Naugralabequipments

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