

**Product Name :**  
Computerized Level Control Trainer

**Product Code :**  
CHINAELABC2550003



**Description :**

Computerized Level Control Trainer

**Technical Specification :**

**FEATURES:**

Experimental introduction to control engineering using an example of level control  
Construction of the system with components commonly used in industry  
Digital controller with freely selectable parameters: P, I, D and all combinations  
Level measurement by pressure sensor

**SPECIFICATION:**

Storage tank: 30L  
Centrifugal pump :  
Power consumption: 250W  
Flow rate: 150L/min  
Head: 7m  
Speed: 2800min<sup>-1</sup>

**Level-controlled tank :**

7L  
Level: 0...0,6m  
Pressure sensor: 0...100mbar  
Pneumatically operated control valve DN 20  
Kvs: 4,0m<sup>3</sup>/h  
Reference variable: 4...20mA

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Nominal stroke: 15mm  
Characteristic curve equal-percentage

Line recorder :  
2x 4...20mA  
Feed rate: 0...7200mm/h, stepped

Controller :  
Process variables X, Y as analogue signals: 4...20mA

Power required for operation :  
230V, 50Hz, 1 phase  
230V, 60Hz, 1 phase



**Engineering Lab China**