

**Product Name :**  
Electro pneumatics Training system

**Product Code :**  
NPC-18-06-18-0029



**Description :**

Electro pneumatics Training system

**Technical Specification :**

Realizing oscillating movement

Time-dependent controls with timer relays

Using pressure switches

Troubleshooting simple electro-pneumatic circuits

Minimum Technical Specifications Required (like or better than):

Student Vertical Workbench for Pneumatics and Electro-Pneumatics

Drawers Unit with lock-key

Aluminium profile plate: 1200 × 750 mm at least

Groove distance: 25mm for quick fix of aluminium profiles components

Construction and easily setup the system according to the circumstances

Mounting bar for fixing electric devices Aluminium profile plate

All Components Must be one Touch Clamp

Service Unit contain: Air filter, lubricator, regulating valve, shut off valve

Air distributor with Output: 8 port at least

Silent Air Compressor

Magnetic symbol (electrics)

Single-acting cylinder Max pressure: 10 bar, Stroke: 40mm-50mm

2x Double-acting cylinder with cushion with, Stroke: 100mm-120mm • 10x T-connector

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4x One-way flow control valve, 0-120 l/min at least

3/2-way solenoid valve(N/C), Max Pressure: 10 bar

2x 5/2-way single solenoid valve

2x 5/2-way double solenoid valve

Pressure switch

Push-button switch set (3-fold)

2x Relay unit (3-fold)

Digital Time relay Unit, Delay time: 1-99 sec

Digital electrical Counter with Counter pulse: 20 ms

Lamp and buzzer unit

Inductive sensor

Capacitive sensor

Optical sensor

2x Electrical limit switch left actuated with roller

2x Electrical limit switch right actuated with roller

10x Plastic hose(1M)

Hose cutter

4mm electric cable set

Power supply: DC 24V, 5A with Short-circuit and overload protection

## Electrical and Electronics

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