

## 559878 - STEM Pneumatics

Order code: 5503.559878



Cena bez DPH

161,80 Eur

Price with VAT

195,78 Eur

Parameters

By age and focus

STEM Kits

Quantitative unit

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The first experiments with pneumatics were conducted in the third century B.C., and discovered the extreme versatility and usefulness of compressed air. Using 8 models and 29 experiments, STEM Pneumatics teaches the basic principles of pneumatics, and demonstrates the functioning of components like compressors, pneumatic valves and cylinders, as well as an exhaust throttle valve. The concept also includes a full set of lesson plans for teachers.

**Highlights:**

- Regulation of the speed of movements via the throttling of the exhaust air
- Movement in different directions
- Different applications and types of valves
- Generating and distributing compressed air
- Controlling pneumatic cylinders

**In the education set included:**

- 1x compressor
- 1x manometer
- 2x double acting cylinder
- 2x single-acting cylinder
- 1x Pressure accumulator
- 2x Hand valve
- 1x Solenoid valve
- 1x minitaster
- 1x non-return shuttle valve
- 1x vacuum cup
- 2x Exhaust air throttle
- 1x battery holder

**Size of packaging:** 44x31,5x8 cm

**Number of models:** 8

**Number of parts:** 273