



**Hamry 3567, 58001 Havlíčkův Brod, Czech Republic.**

tel + 420 569 433 620

1-cube@1-cube.com

www.1-cube.com

## Anaerostats- types ANS1, ANS0a, ANS0b

### **Application:**

The device is used for the cultivation and preservation of microorganisms in an anaerobic environment. The required atmosphere inside the jar can be achieved in several ways:

- **Flushing:** Displacement of air by gas from a pressure cylinder.
- **Evacuation and Filling:** Suctioning out the air followed by the introduction of the required gas mixture.
- **Chemical Method:** Use of an anaerocult, which ensures a protective atmosphere throughout the cultivation period.

The anaerostat is made of transparent high-pressure PVC. Model **ANS0b** is equipped with a removable lid with a seal and a central closure; it is intended exclusively for use with an anaerocult. Models **ANS1** and **ANS0a** are additionally fitted with two valves and a pressure gauge for active gas filling.

### **Technical data:**

<b>Parameter</b>	<b>Unit</b>	<b>ANS1</b>	<b>ANS0a</b>	<b>ANS0b</b>
Operating temperature	°C	+5 to +50	+5 to +50	+5 to +50
Maximum overpressure	kPa	+50	+50	+50
Maximum vacuum	kPa	-50	-50	-50
Weight (approx.)	kg	2	1	1
Height	mm	400	270	270
Width	mm	180	150	150
Depth	mm	200	170	170
Max. ø of Petri dish	mm	140	90	90
Capacity (90 mm Petri dish)	pcs	15	10 (gas) / 8 (anaerocult)	8 (anaerocult only)
Capacity (test tubes)	pcs	22	—	—
Pressure gauge	pcs	1	1	—
Valves	pcs	2	1 + drain plug	—

### **Scope of Delivery:**

Anaerostat in the selected configuration + instructions.

### **Accessories (optional):**

**Notice:** Accessories and optional equipment are not included in the basic package and are supplied only upon order.

#### • **Petri dish holders:**

- o For ANS1: Capacity 15 pcs (max. Ø 140 mm).
- o For ANS0: Capacity 10 pcs (max. Ø 90 mm).

• **Test tube rack:** Including 22 culture tubes (intended exclusively for model ANS1).

• **Consumables:** Anaerocults (anaerobic atmosphere generators).

• **Optional equipment:** Installation of John Guest quick connectors and supply of corresponding PE tubing for easy gas connection.



ANS1



ANS0a



ANS0b