



1-CUBE s. r. o.

Hamry 3567, 580 01 Havl. Brod, Czech Republic

tel + 420 569 433620, fax + 420 569 422144

e-mail: 1-cube @ 1-cube.com web site: www.1-cube.com

ANAEROSTATS

Technical Description and Use:

The anaerostat makes it possible to carry out a cultivation of microorganisms in an accurately defined protective atmosphere. Internal atmosphere can be created by:

- air expulsion with the help of the gas (for example from pressure cylinder) – that will create internal atmosphere inside anaerostat
- air aspiration of the anaerostat and subsequent filling with the required atmosphere
- use of anaerocult placed inside of the anaerostat (which creates the protective atmosphere throughout cultivation period inside the anaerostat)

The anaerostat consists of a transparent high-pressure polyvinylchloride vessel. Type ANS0b includes simply withdrawable top cover, sealing and central cover. Types ANS1 and ANS0a includes in addition 2 valves and manometer for filling with the gas.

Technical parameters types: ANS1, ANS0:

Temperature.....+5 - +50 degrees Celsius

Max.pressure..... 50 kPa

Max. underpressure50 kPa

Weight of ANS1 about..... 2,0 kg

Weight of ANS0 about 1,0 kg

Capacity of ANS1 - 15 pcs of plastic Petri dishes with diam.90 mm with cover or 22 pcs of cultivating test tubes

Capacity of ANS0a- 10 pcs of plastic Petri dishes with diam.90 mm with cover – if the protective atmosphere is created either by air expulsion with the help of the gas or by air aspiration of the anaerostat and subsequent filling with the required atmosphere

- 8 pcs of plastic Petri dishes with diam.90 mm with cover – if the protective atmosphere is created either by use of anaerocult placed inside of the anaerostat

Capacity of ANS0b- 8 pcs of plastic Petri dishes with diam.90 mm with cover - the protective atmosphere is created either by use of anaerocult placed inside of the anaerostat

- Note:**
- possibility to place Petri dishes with max. diam. 140 mm inside of anaerostat
 - possibility to place Petri dishes with max. diam. 90 mm inside of anaerostat

ANS1 dimensions: height 400 mm, width 180 mm, depth 200 mm

ANS0 dimensions: height 270 mm, width 150 mm, depth 170 mm

Optional Accessories:

Consists of the Petri dishes holder: ANS1....for 15 pcs of plastic Petri dishes with max. diam. 140 mm,

ANS0....for 10 pcs of plastic Petri dishes with max. diam. 90 mm,

support with 22 cultivating test tubes only for model ANS1

anaerocults

extras: mounting of John Guest transition curve, PE hoses

Note: Accessories may be purchased as required.



typ ANS1



Typ ANS0a



Typ ANS0b