USER'S MANUAL

ANALOGUE INCUBATOR 10L

CE

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1. Specifications

Analogue Incubator 10l is a compact general-purpose convection incubator capable of uniformly heating samples up to a maximum of 60 °C. The unit comes with a movable shelf and has a door window area, so samples can be observed without opening the door, thus preventing heat loss.

Temperature range:	Ambient +5 °C to 60 °C
Controls:	Analogue - hydraulic
Unit size W x D x H:	28.5 x 28 x 33.5 cm
Chamber W x D x H:	23 x 22 x 20 cm
Unit weight:	8.3 kg
Electrical:	230 V, 50/60 Hz, 0.3 A or 115 V, 50/60 Hz, 0.6 A
Fuses:	2 x 0.5 AT (230 V) or 2 x 1 AT (115 V)

2. Unpacking

Carefully inspect the unit and accessories upon receipt for any damage that may have occurred during shipping. Severe damage to the packaging container may indicate damage to the unit. If you suspect damage to the unit, immediately file a claim with the carrier in accordance with their instructions before contacting your distributor. Also verify that all accessories are included, and that the unit is in good working order, before discarding the shipping packaging.

Analogue Incubator 10l is shipped with the following:

- Stainless steel shelf
- Thermometer
- Power cord

3. Installation

Your satisfaction and safety require a complete understanding of this unit. Read the instructions thoroughly and be sure all operators are given adequate training before attempting to put the unit in use.

NOTE: This equipment must be used only for its intended application; any alterations or modifications will void your warranty and may cause injury.

3.1 Power Source

Check the data plate for voltage, cycle, wattage and ampere requirements. If matched to your power source, plug the power cord into a grounded outlet. Voltage should not vary more than 10% from the data plate rating.

3.2 Location

In selecting a location, consider all conditions which might affect performance, such as heat from radiators, autoclaves, etc. Avoid direct sun, fast-moving air currents, heating/cooling ducts and high traffic areas. Allow a minimum of 5 cm between the unit and walls or partitions which might obstruct free airflow.

4. Control panel

4.1 Power Switch

The main power switch is on the front panel and controls all power to the unit. The switch will light up when the unit is energized.

4.2 Heating Lamp

This light is ON when the unit is heating. When the unit has reached the set temperature, the light will be on only when the unit is heating to maintain the temperature.

4.3 Temperature Control Knob

This control knob is marked with temperature symbol. It controls the incubator chamber temperature on a scale from 0 to 10.

5. Operation

Do not use this incubator in explosive or flammable environments. Do not heat or incubate flammable, explosive or highly reactive materials in this incubator as serious injury may result.

Place the unit on a level surface and plug the unit into a properly grounded outlet of appropriate voltage.

Install the shelf at the desired height, with the shelf edges up. If you intend to place the samples on the bottom of the chamber, install the shelf so that it sits with the edges down on the chamber bottom, thus creating an air gap between the chamber bottom and your samples. When installing your shelf, remember to leave clearance for the thermometer that will come down from the top of the chamber.

Gently insert the thermometer into the rubberized hole on the top of the incubator. Avoid inserting or removing the thermometer too quickly; this can dislodge the rubber grommet that is used to hold the thermometer. For maximum accuracy, insert the thermometer to a point where the thermometer immersion line is just inside the incubator chamber.

Turn the power switch to the ON position. The switch should illuminate.

Set the temperature control knob to 10. When the thermometer reaches the desired operating temperature, turn the temperature control knob down, until the heating lamp turns off. Wait for the temperature to stabilize. Make fine adjustments up or down as required, until the desired operating temperature is obtained. Allow the unit to stabilize after each adjustment. Temperature stability is obtained, when the heating lamp is turning on and off automatically, and the temperature remains constant.

6. Cleaning and Maintenance

Prior to any cleaning or maintenance of the unit, disconnect the power cord from the wall outlet.

No routine maintenance is required on the unit.

Clean the unit internally and externally with a damp cloth and mild soap. Do not immerse the unit or spill liquids into or on the unit. Use of alcohol or ammonia-based cleaners on the window may cause it to crack.

Allow the incubator to dry completely inside and outside, before reconnecting the power and using it again.

7. Troubleshooting and Service

If the unit fails to operate, make sure that it is plugged into a properly grounded working wall outlet. Check that the unit is switched on, the power switch is illuminated, and that the temperature control knob is turned up. If necessary, check the fuses.
If the problem persists, contact your distributor.

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EU DECLARATION OF CONFORMITY

Manufacturer / name and address

Domel, d.o.o.
BU Laboratory Systems
Otoki 21
4228 Železniki
Slovenia

We declare under our sole responsibility that

product: **Analogue incubator**
type / model: **10l**

is in conformity with the provisions of the following regulations and also complies with the following standards

1. Directive 2014/35/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to the making available on the market of electrical equipment designed for use within certain voltage limits

   Standards: EN 61010-1:2010, EN 61010-2-010:2014

2. Directive 2014/30/EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility

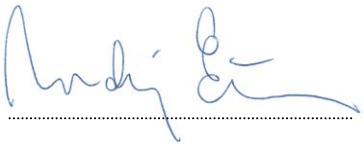
   Standards: EN 61326-1:2013

3. Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment, amended by Commission Delegated Directive (EU) 2015/863 and Directive (EU) 2017/2102 of the European Parliament and of the Council

   Standards: EN IEC 63000:2018

Place and date of issue — Name, surname and signature of authorized person

Železniki, 17.10.2019 — manager Andrej Eržen



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