

PASSPORT

on the smart dispenser "SMARTDOSER" Smart doser "SMARTDOSER" is a household kitchen device, which is intended for everyday use, namely the dosing of various

volumes of food (and other) liquids sold in PET bottles with a special neck: sunflower oil, apple, wine and balsamic vinegar, sauces and others. To use it, the two-component cap is torn off the bottle with the liquid and the dispenser is put on. The amount of liquid poured in one movement of the lever is from 10 to 20 milliliters, with a dosing step of 0.5 ml. At the same time, smaller volumes of liquid can be approximately dosed.

Details of how to use the dispenser are shown in the illustrated instructions on the back of this leaflet.

The product set includes:

assembled dispenser in a bag;

-a leaflet with a passport and illustrated instructions;

-box.

The dispenser consists of separate parts that structurally fit into each other, and also move in each other during the use of the device in different positions

due to partial tightness between their walls, which allows relatively accurate measurement of the required amount of liquid. At the same time, the device is not a hermetic lid on a bottle with liquid, so a slight dripping of liquid from the dispenser during its dosing is allowed, which does not affect the operation of the dispenser. When transporting a bottle with a liquid, it is advisable to put a standard two-component cap on the bottle for its tightness.

The dispenser consists of the following parts:

1. The lid of the dispenser, inside which all other parts of the dispenser are placed, is put on the bottle with the liquid for dosing, provides a tight seal connection between the device and the neck of the bottle, fixation and movement between its cylindrical walls of the outer body of the dispenser in its different working positions. It has internal clips (1.1) from below that fix it on the bottle and a circular protrusion that ensures tightness connecting the device to the neck of the bottle. On top of the lid there is a longitudinal recess (1.2) for the movement of the lever of the measuring cylinder and a recess from the clip we (1.3) from the opposite side, which fixes the outer body of the dispenser by the protrusion in its lower working position.

2. The outer body of the dispenser is located inside the cover and ensures the longitudinal movement of the measuring cylinder, alternately covering its lower and upper openings for collecting and pouring out the measured liquid. It has an open longitudinal hole (2.1) with clips in the upper wall, through which the lever of the measuring cylinder enters the housing and provides limited movement of the lever up and down for moving the measuring cylinder inside the housing. Also, on the opposite side to the opening, there is a cylindrical protrusion (2.2), which is fixed by the cover clips to prevent the case from being pushed out during the dispenser operation in its lower working position. There are also two handles (2.3) on the top of the body, by which it is pushed out of the lid of the dispenser for the final dosing of the liquid in the bottle before it runs out. At the bottom of the outer case there are clips (2.4) that fix it in the cap when it is pushed out of the bottle. Also, in the upper part of the case, vertical and ring stiffeners (2.5) are placed to prevent liquid

3. The lid of the measuring cylinder is fixed at the bottom on the end part of the measuring cylinder and hermetically closes the measuring cylinder from below

4. The measuring cylinder of the dispenser is structurally located and moves inside the outer casing, and a given amount of liquid is measured inside it. It has holes (4.1) at the top and bottom, through which the dosing liquid is alternately drawn in and out, thanks to the movement of the measuring cylinder inside the outer casing by the lever (4.2) located on the side of the cylinder. On top of the measuring cylinder there is a hole with a cylindrical protrusion (4.3), in which a graduated piston moves step by step and is fixed between the walls of this protrusion, thanks to its movement inside and outside the measuring cylinder, the volume of liquid required for measurement is set. Also, above the upper openings of the measuring cylinder, there is a continuation of the cylindrical wall (4.4), which forms a drain for the liquid and prevents it from flowing onto the graduated piston and spilling, and also cuts off the remaining liquid on the measuring cylinder when it moves inside the dispenser. A longitudinal depression (4.5) is made under the lever on the measuring cylinder, which ends at

the edge of the lower opening of the cylinder, and serves for air to enter the measuring cylinder when pouring the measured liquid. Also, on the outer surface of

the cylinder, there are linear horizontal and vertical protrusions that prevent the flow of liquid between the walls of the outer case and the measuring cylinder.

5. The graduated piston with a non-removable cover (5.1) moves step by step in the cylindrical wall of the upper end opening of the measuring cylinder inwards and outwards, thereby changing the internal volume of the measuring cylinder, due to which the amount of dosing liquid can change. An annular protrusion inside the cylindrical wall of the hole and a rather tight fit of the walls of the graduated piston to this wall prevent the flow of the liquid being dosed during the operation of the dispenser, but cannot prevent particles of liquid from falling outside during the movement of the graduated piston. However, The graduated the particles do not form droplets, do not contaminate the device, the user's hands and everything around, and do not interfere with working with the device. Easily cleaned with a napkin if Easily if necessary. The selected for dosing in milliliters with an accuracy of 0.1 in piston has a scale with corresponding rings, lines and numbers (5.2) showing the amount of liquid of 0.5 milliliters. Annular on the piston make it possible to move it step by step inside the measuring cylinder. Annular recesses on the cylinder and out to fix the positions of the piston and help the use of the dispenser for people with visual impairments. At the bottom of the graduated piston there are two clips (5.3) that prevent the piston from being fully extended or falling out of the device during operation. A non-removable cover (5.1) is fixed on top of the piston, for which you can move the piston with your hands, without getting dirty with particles of liquid that may remain on the piston. To dispense dispenser in smaller quantities than 10 milliliters, which can only be determined approximately, the graduated piston must be fully pushed into the measuring cylinder, as for dispensing 10 milliliters of liquid. Then, if the amount of liquid in the measuring cylinder that pours out is not well visible, lift the outer case up from the bottle, regardless of the amount of liquid that remains in the bottle, and make measurements, guided by the amount of liquid that poured out of the measuring cylinder visually, through the walls of the measuring cylinder and the outer case, and stopping the pouring of liquid manually, with the help of a lever.

Special efforts should not be made when pushing out the graduated piston from the measuring cylinder to dose the maximum amount liquid, because such

in this way the clips at the bottom of the graduated piston can be pulled out

and damaged. Conditions of storage and use: store at a temperature from 20 to +50 degrees Celsius. Use at temperatures that are not

provide for the freezing of the dosed liquid inside the dispenser, and no more than 50 degrees Celsius.

The shelf life is unlimited.

When using the dispenser for dosing thick liquids with sediment, it may clog and stop the flow of liquid through it. In this case, the dispenser should be removed from the bottle and rinsed with vinegar or warm water. When washing the dispenser with detergents, it should be thoroughly rinsed with water afterwards, while moving its parts to different working positions, so that detergent residues do not remain between the parts of the device. In this connection, it is desirable to wash the remains of oil with vinegar.

Warranty obligations: The product does not have a warranty period of operation. When buying a dispenser, you should check it for mechanical damage. The dispenser is not subject to detail-

disassembly due to the possibility of damage to the elements of the parts that are responsible for the absence of leaks and its operability. If defects are detected that are not caused by the user's actions in violation of the instructions for using the device, the product is subject to return to the manufacturer and exchange for a new one in accordance with the current legislation of Ukraine. In case of mechanical damage to the dispenser, caused by the user's careless handling of the device, as a result of its being thrown, broken, pulled out of the clips, the product cannot be returned or

exchanged. Keep away from small children! When they break or bite off the parts of the dispenser, fragments can be formed that are dangerous for the eyes, respiratory tract or esophagus. TUU, the conclusion of the sanitary-epidemiological examination, see on the box

DEAR BUYER!

You have just purchased a brand new device, which is patented in Ukraine as an invention, and therefore really has no analogues or identical devices in the whole world! All other dispensers of a similar purpose, which are used in the world, are designed for accurate dosing of liquids not in everyday life, but for solving other tasks. They have a high cost, are bulky, inconvenient to use, and are not designed for the home user at all. And the "SMARTDOSER" dispenser is designed just for you.

You have probably never thought about why you don't use measuring spoons and glasses for oil, vinegar and other liquids in your everyday life. Although they can be used to save these products, and for the most useful consumption of them in the required quantity and in the best taste. And you don't use them because it's easier to unscrew the cap of the bottle with the required liquid, pour it into the dish "by eye", and then screw the cap back on and put the bottle back, than to unscrew the cap, take a measuring spoon, straining your vision, deftly and concentratedly pour the required amount of liquid into it, while risking spilling the liquid, and then screw and put the bottle and wash the measuring spoon after measurements. The dispenser that you bought will save you from all the listed actions, because you only need to put it on the bottle once and pour the liquid with simple with finger movements, and change the amount of liquid (if necessary) not at the moment when it pours, but in advance, when everything can be changed again later.

We hope that our device will help you use liquids more economically, more usefully and tastier!

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