

The invention relates to medical equipment and can be used in regenerative medicine for decellularization of biological tissues.

Summary of the invention consists in that the device consists of two graduated cylindrical plastic containers, both with a volume of 500 mL, one of the containers is made with a male threaded neck, with a diameter of 6 cm and a height of 3 cm, which is placed bottom upside. Another container is made with a female threaded neck, with a diameter of 6.3 cm and a height of 5 cm, and is placed bottom down, at the same time the containers are connected by screwing, forming a space between them, inside which are placed two annular plates superimposed on each other, of stainless steel, and connected at their edges by an arc. In each plate is made one window with an area of 4 cm<sup>2</sup>, with protruding edges of a height of 3 mm; the upper plate is equipped with filter paper. On the side wall of the female threaded container is made a male threaded branch pipe of a length of 2 cm, to which is connected a mechanical pump in the form of a syringe, equipped with a piston. At the end of the branch pipe, at the point of attachment to the pump, is installed a ring with a rubber valve, with a diameter of 2 cm, and on the upper wall of the lower container is installed a manometer, which communicates with the container.

Claims: 1

Fig.: 4