through the filter system, and then returning the purified air to the laboratory space, frequently have the disadvantage that vibrations from the ventilator can have an effect on the weighing results. The weighing results are thus not necessary consistent and reproducible.

Likewise, the ergonomics of conventional weighing hoods are not always conducive to a very relaxed and substantially non-fatiguing work. Moreover, for reasons of occupational hygiene it is important that weighing hoods can be easily cleaned and decontaminated. This is not always the case with conventional weighing hoods, due to the areas that are often difficult to access because of the construction thereof. Furthermore, changing the filters in weighing hoods operated in the air circulation mode also involves the danger that hazardous substances may be released from the filters, and the laboratory technician may come in contact with them.

One object of the present invention is therefore to eliminate the disadvantages of the prior art, or at least to minimize them, and furthermore, to obtain advantages that cannot be obtained with conventional weighing hoods.

In one aspect, the present invention refers to a weighing hood (1) for weighing pharmaceutically active or toxic substances in a laboratory, comprising a housing (10), which defines a work space (19), wherein a front surface of the housing (10) has a work opening (11) that is always open in an intended use of the weighing hood, a work surface (20), which delimits the floor of the work space (19), and an armrest (40), which is disposed at a front edge of the work surface (20) in the region of the work opening (11), wherein a control panel (42) is integrated in the armrest (40) such that an surface of the armrest (40) facing away from the work surface (20) is flush with a surface of the control panel (42).

This object is achieved by the combination of features in the independent Claim 1. Optional or advantageous features of the invention are given in the dependent Claims.

According to a preferred embodiment of the invention, a weighing hood for weighing pharmaceutically active or toxic substances in a laboratory comprises a housing that defines a work space, wherein a front surface of the housing has a work opening that is always open in an intended use of the weighing hood, a work surface that delimits the floor of the work space, and an armrest, which is disposed at a front edge of the work surface in the region of the work opening, wherein a control panel is integrated in the armrest, such that a surface of the armrest facing away from the work surface is flush with the surface of the control panel.

The surface of the armrest and the surface of the control panel preferably have a flow-optimized design.

Claims

1. A weighing hood (1) for weighing pharmaceutically active or toxic substances in a laboratory, comprising a housing (10), which defines a work space (19), wherein a front surface of the housing (10) has a work opening (11) that is always open in an intended use of the weighing hood, a work surface (20), which delimits the floor of the work space (19), and an armrest (40), which is disposed at a front edge of the work surface (20) in the region of the work opening (11), wherein a control panel (42) is integrated in the armrest (40) such that an surface of the armrest (40) facing away from the work surface (20) is flush with a surface of the control panel (42).

2. The weighing hood (1) according to Claim 1, wherein the surface of the armrest (40) and the surface of the control panel (42) have a flow-optimized design.

3. The weighing hood (1) according to Claim 1 or 2, wherein an air supply gap is provided between the armrest (40) and the work surface (20), through which ambient air can flow into the work space (19) due to the vacuum prevalent in the work space during operation of the weighing hood (1).

4. The weighing hood (1) according to any of the preceding Claims, wherein the armrest (40) extends substantially over the entire width of the weighing hood (1) and has end surfaces, each of which are connected to a corner profile (50), which is connected to a lateral wall (15) of the housing (10).

5. The weighing hood (1) according to Claim 4, wherein the control panel (42) is disposed adjacent to the corner profile (50).

6. The weighing hood (1) according to any of the preceding Claims, wherein the control panel (42) is configured such that operating functions of the weighing hood (1) can be controlled therewith.