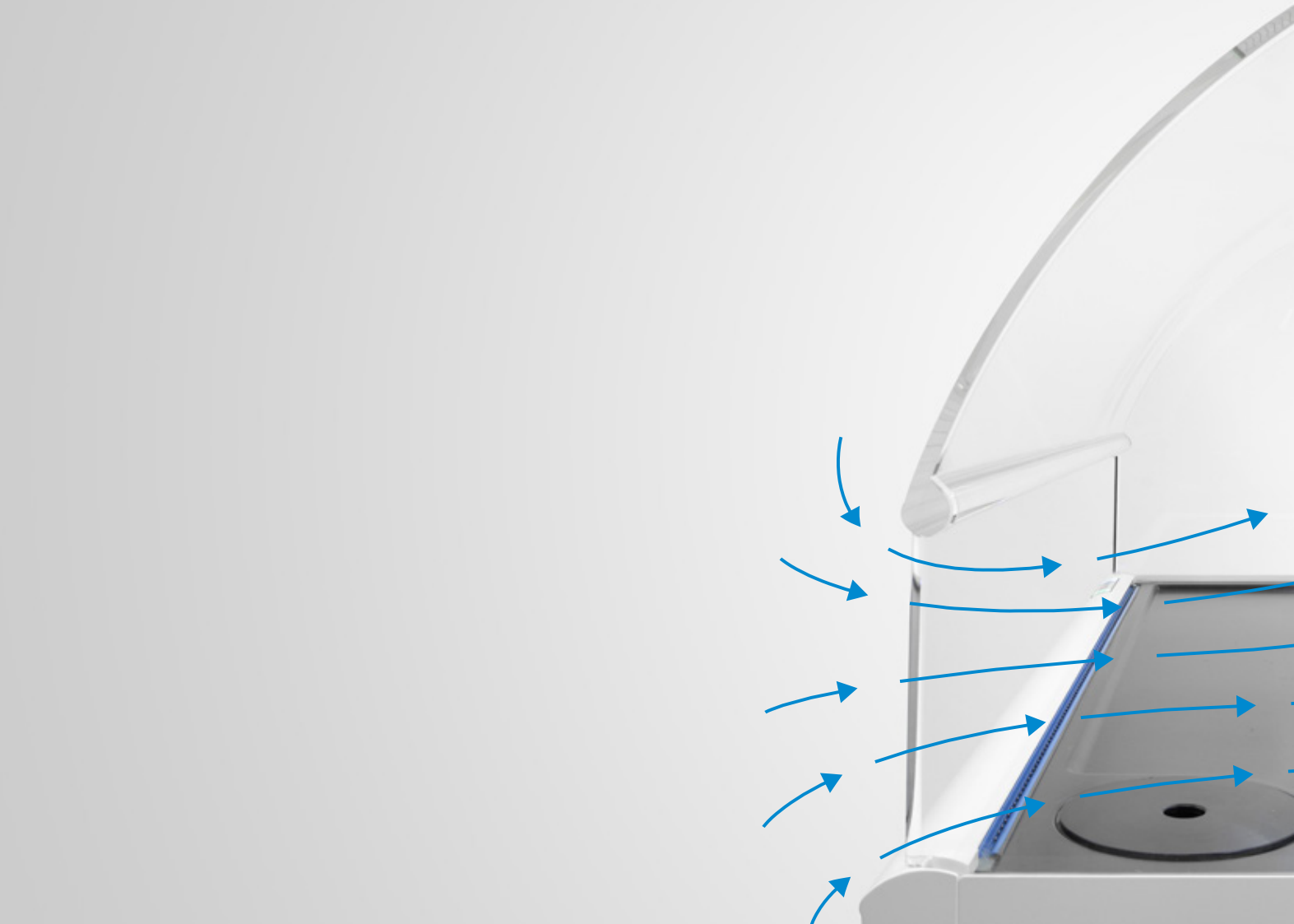




The Balance Enclosure

AKKURAT

WALDNER



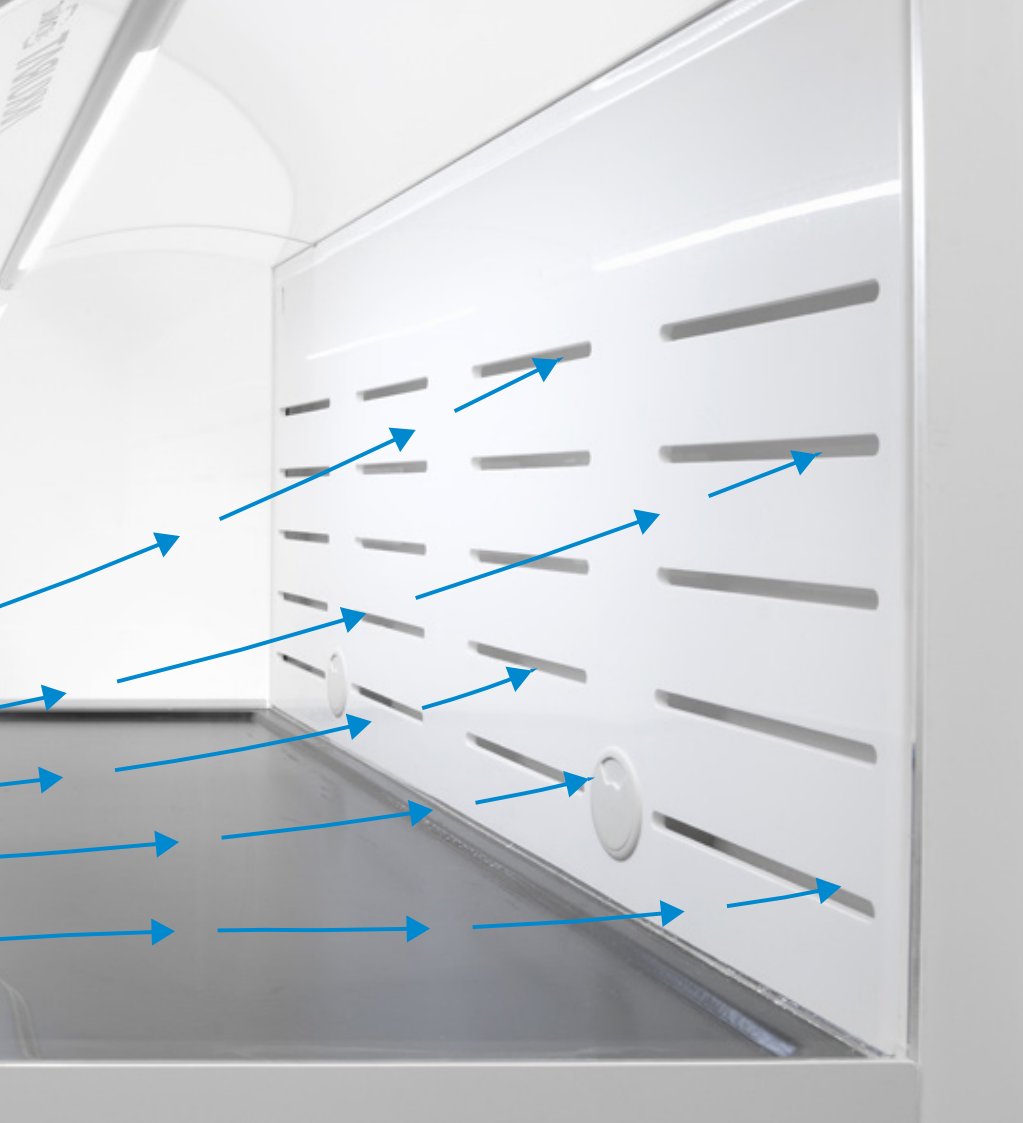
PRECISION AND SAFETY WITHIN RESEARCH

Within modern research laboratories, the development of new medicine is a constant. In association with these new developments and work with highly toxic substances, an increase in safety concerns arises which laboratory workers commonly experience. The safety of laboratory workers whilst handling toxic substances calls for a potent protection in order to insure maximum safety.

Highly sensitive microbalances require a completely vibration-free, as well as air-draft protected environment.

The Akkurat guarantees a precise and safe work environment whilst working with highly-active substances and allows for excellent ergonomics and comfort.

The fully vibration decoupled and shock absorbent worktop allows for a quick and precise calibration whilst the usage of highly sensitive microbalances. The ergonomically and function focused design fulfills the highest quality and safety standards – Confirmed by the German Design Award 2016.



AKKURAT





SAFE WORK WITH HIGHLY ACTIVE



Ionization electrode

Electrostatic charges within the workspace of the balance enclosure are avoided reliably by an integrated ionization electrode at the leading edge.



Easy handling by fingertip and distinct reading of the operation status.



Spoiler shaped **airfoil and armrest** with integrated smart control panel.

Flow technology

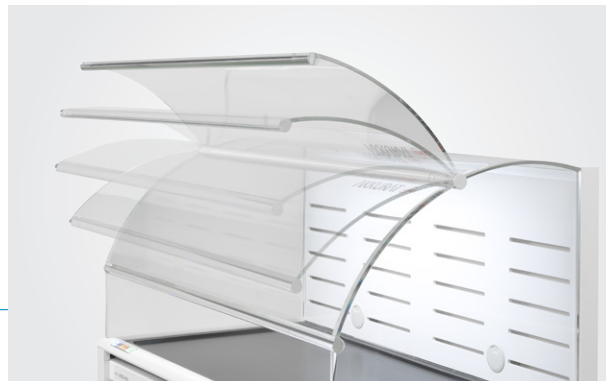
The save and reliable capture of pollutants guarantees maximum personal protection with minimum noise level and lowest energy consumption.



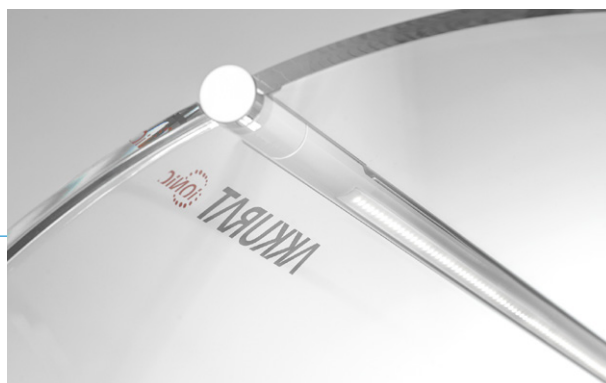
E SUBSTANCES

Two cable ports enable clean connection of different devices.

Fully **vibration decoupled** and **shock absorbent worktop** for the usage of highly sensitive microbalances up to 0,000001 grams.



Front screen with integrated rotation brake shuts itself.



Hinge integrated **LED illumination** with the choice of different color temperatures.



Work top integrated **disposal system** for save and convenient disposal of wasted materials.



ERGONOMICS AND COMFORT FOR LABORATORY USE

The fully vibration decoupled and shock absorbent worktop allows for a quick and precise calibration whilst the usage of highly sensitive microbalances. All functions of the Akkurat can conveniently be chosen via an integrated smart control panel, such as brightness and color temperature of the glare free LED illumination.

The spoiler shaped airfoil at the front table edge has two functions: Optimal air flow pattern and convenient armrest. Suctions of hazardous substances are maintained by especially designed suction openings in the back panel to prevent dangerous substances from being released causing danger for the user.

High standards in hygiene, decontamination and cleaning are being provided by the homogeneous, plain shape. The

huge easy to handle front screen allows for an especially handy and convenient set up of the weighing equipment. The front screen shuts itself down by the integrated automatic closing mechanism.

Safe disposal of wasted materials is provided by the disposal system, directly integrated in the worktop.

The arrangement of the filter housing and the vibration decoupled fan unit take care of maximum leg room.

Electrostatic charges within the workspace of the balance enclosure are avoided reliably by an integrated ionization electrode at the leading edge.

The balance enclosure Akkurat: Safe, ergonomic and comfortable.



TECHNICAL DATA

Overall Dimensions:

(W x H x D) 1200 mm x 1450 mm x 680 mm

Internal Dimensions:

(W x H x D) 1180 mm x 530 mm x 575 mm

Working Height: 900 mm

Filtration: HEPA-Filter H14 acc. DIN EN 1822

LED illumination with selectable color temperatures:

daylight white, cold white

Nominal Voltage: 220 V to 240 V

Nominal Frequency: 50 Hz to 60 Hz

Electrical Nominal Power: 250 W