

# BIOWIZARD

# Platinum



Microbiological  
**SMART** Safety Cabinet

# Sustainable safety



## Think smart

It is not only the technical specifications that prove Biowizard Platinum **SMART** reputation for safety. The language of the design concept is also convincing.

And that language is mainly Finnish, because the Finnish designer and coordinator Jere Vahvanen is the man behind the new futuristic Platinum look, which will no doubt prove to be the new design benchmark for modern safety cabinets.

The unique Platinum design is not only visual; it is present in the entire user experience, placing the user of the Platinum cabinet at the centre of everything.

Arno Wouters  
CEO, Kojair Tech Oy

“We place our users at the center of everything”

## MADE IN FINLAND

At Kojair we take safety very seriously. We provide a variety of safety cabinet classes and our range of innovations is unequalled. We want to be the leader also in the future. The latest Kojair release is the Biowizard Platinum **SMART** cabinet. We apply the latest technologies, daring materials and smart innovations to meet increasing and more stringent requirements, mostly from industry (GMP).

## User comfort

For all **SMART** safety cabinets of the Platinum family, noise level and energy consumption are reduced to a level hard to beat.

## Craftmanship

Fifty years of experience in clean air technology. Specialising in microbiological safety cabinets in medical and industrial solutions constitute the bases for Kojair's sustainable and safe solutions. Which are represented internationally by strong, reliable partners.

## Innovations

This brochure focuses on new innovative technologies that are designed to guarantee a work environment that complies with the latest requirements and is as safe as possible – now and in the future.



# SMART innovations

lead the way to a cleaner and safer future



37 dB

### Most silent cabinet on the market

As the first company to focus on and succeed in reducing the sound level of safety cabinets, we have now pushed the boundaries even further. Without compromising on safety!



### GMP compliance

We apply the latest technologies, daring materials and smart innovations to meet stringent GMP requirements.



### Finnish design

The Platinum safety cabinet features a dynamic, clean-cut silhouette and pleasant curves which give the cabinet its recognisable, individual character.



### Fan(s) autotuning

This function keeps the airflows stable even if the laboratory environment changes. It can be switched on and off.



### Full red light alarm

If the cabinet is not safe for use, the new alarm feature will fill the entire Platinum interior with red light. At the same time, an acoustic alarm will ring and a red signal will show on the front panel display, indicating the type of alarm.



### Full of safety features

The new Platinum cabinet carries more safety features than any other cabinet before it. These features allow you to work with greater ease, safety and more confidence than ever before.



### Personal access code

Activate your personal settings by entering an individual access code into the Platinum user interface.



### Energy efficient

Remarkable energy savings are achieved through the latest LED and EC technology. With EC technology, air flow volumes can be tailored to meet actual requirements.



### Endless customisation possibilities

With 50 years of experience we can customise the cabinet according your wishes.



### Biosecurity

Personalised access codes prevent unauthorised access to the cabinet. Login data is monitored and stored.

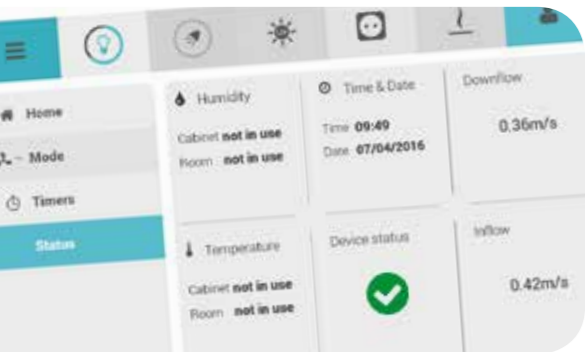


### Booking system

Reserve a day and time in the calendar to ensure that the cabinet is available.



# Platinum SMART walk-around



## Interface

The easy-to-read high resolution touch screen is a totally new, ergonomic and very intuitive way to control all of the cabinet's functions - use it like a normal tablet computer.

## Easy-to-clean materials

The new materials used in the Platinum cabinet are very durable and most of them are recyclable. You can still use the same detergents as before to gently wipe the cabinet surfaces. Smooth, almost seamless construction is convenient to clean.

## SteriWizard function

The patented SteriWizard sterilisation device can be integrated into the back wall of the workspace.

## Rigid V-shaped table top

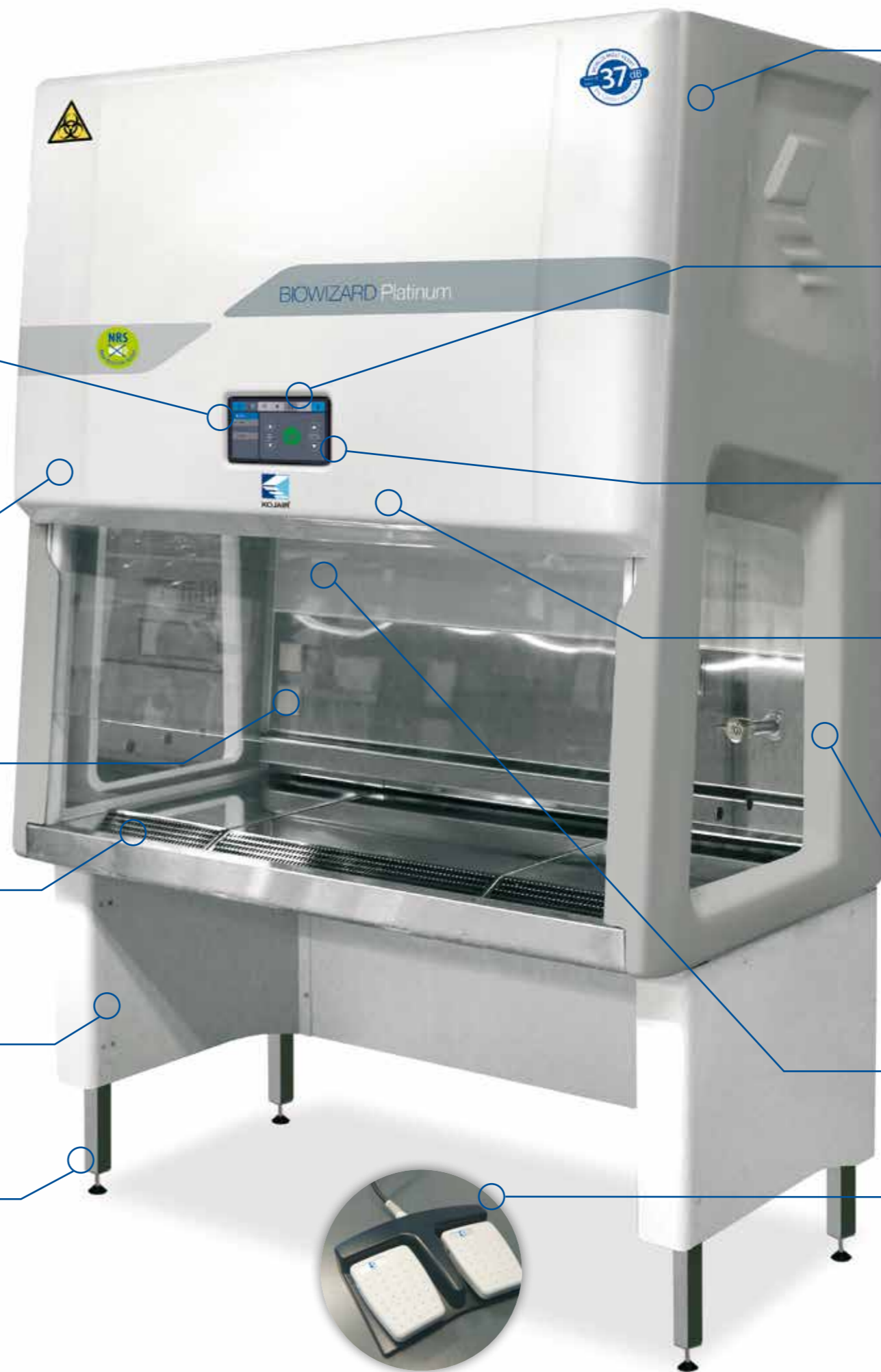
The uniquely shaped table top provides you with a spacious feel and is easy to clean. The V-shaped front grill prevents you from accidentally blocking the grill.

## MoSense motion

Avoid unnecessary power consumption and prevent dangerous situations. Platinum SMART knows when you are there.

## (Electrical) base stand

Adjust the height of the Platinum cabinet manually or save the desired working height in your account by using an electrical adjustable base stand. (option)



## Intelligent fan technology

With latest EC technology, air flow volumes can be adjusted to match the actual demand. This means remarkable energy savings and noise reduction.

## Day & Night vision

The Platinum cabinet makes it easy to customise the look and feel of your microbiological safety cabinet. Change the display settings according your mood.

## Android software

The large coloured touch screen is easy to operate - as simple as your smartphone.

## LED lights

The latest LED technology provides a longer lifespan, electrical efficiency and increased overall efficiency. The intensity of the LED is easy to change.

## Integrated channels

Both sides of the Platinum cabinet feature integrated installation channels. These channels enable the easy installation of, for example, power plugs and taps.

## UV light disinfection function

Daily or weekly programmable UV light through using a real-time clock.

## Foot pedals for hands free operation

Programmable foot pedals allow you to control the most common functions.



# Richly equipped even as standard



## Overall safety

It would seem self-evident that a microbiological safety cabinet offers protection. Unfortunately, this is not always the case in practice. Kojair has always been very strict regarding safety. The Kojair Platinum **SMART** has the latest innovations with more safety features than any other cabinet before it.

## Innovations

Kojair has always stood out: windows on the side, thicker HEPA filter, dimmable lights and reduced sound levels are just a few of Kojair's innovations that seem standard today. The range of innovations built into the Kojair Biowizard Platinum **SMART** is unequalled.

## Best ergonomical working conditions

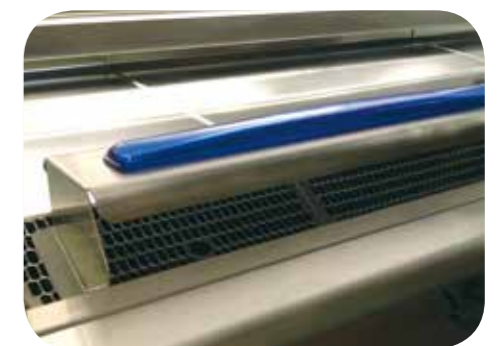
When working with a safety cabinet and carrying out experiments, focus is key. Distractions resulting from poor working conditions or materials are unwelcome. Kojair applies the latest technologies, daring materials and smart innovations so that you can achieve the ergonomics you deserve in order to increase the safety and enjoyment of your work.

## Small ecological footprint

Minimising the impact that your production and product have on the environment is one of Kojair's philosophies. When you choose the Biowizard Platinum **SMART** cabinet, you achieve low energy consumption and use environmentally friendly and recyclable materials, which make our combined ecological footprint smaller and contribute to a cleaner future.

## Noise reduction system (NRS)

Thanks to the Kojair noise reduction system (NRS) the Kojair Platinum Smart microbiological safety cabinet has a sound level from 37dB. This is based on the functional and safety principles of a microbiological safety cabinet. Safety comes first!!





# Technical data

MADE IN  FINLAND

BIOWIZARD PLATINUM SINGLE FAN	100	130	170	200
<b>Outer dimensions (mm)</b>				
Width A	1094	1399	1744	2049
Depth B (Transport depth 795)	895	895	895	895
Height C (when working height is 800mm)	2195	2195	2195	2195
<b>Inner dimensions (mm)</b>				
Width D	914	1219	1564	1869
Depth E	600	600	600	600
Height F	665	665	665	665
Working height G	Adjustable between 700-900			
<b>Air volumes (m<sup>3</sup>/h) at Kojair set point</b>				
Recirculation	725	965	1205	1444
Exhaust (In flow 0,45 m/s)	288	385	499	594
Total	1013	1350	1704	2038
Exhaust with thimble duct	add 10-15%			
<b>General</b>				
Exhaust duct (ø, mm) H	250	250	250	250
Light level (lux) max.	2900	2750	2385	2220
Power consumption, from (W)	93	104	165	173
<b>Transport</b>				
Transport height incl. base stand	1990	1990	1990	1990
Transport height excl. base stand	1475	1475	1475	1475
Transport depth	795	795	795	795
Weight (incl. base stand, kg)	257	325	342	428

\* Kojair Tech Oy is not liable for technical or editorial errors or omissions contained herein. The information contained herein is subject to change without notice.

Noise level starting from **37 dB** for a Platinum MF 130



## Pick your favorite colour

It is not only the unique form of the Platinum cabinet that makes it stand out from the crowd, there are also fresh new colours to choose from. The side panels are available in Platinum Grey, Clear Sky Blue and Snowflake White. Pick your favourite!

**Or make it match the company's brand.** It is also possible to order custom Platinum cabinets, which carry the identifying colour of your company.



## Economical to own and use

Using environmentally friendly and recyclable materials to build the Platinum cabinet is just one way of showing our commitment to help shape a more sustainable future.



BIOWIZARD PLATINUM MULTI-FAN	130	170	200
<b>Outer dimensions (mm)</b>			
Width A	1399	1744	2049
Depth B (Transport depth 795)	895	895	895
Height C (when working height is 800mm)	2195	2195	2195
<b>Inner dimensions (mm)</b>			
Width D	1219	1564	1869
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## SMART service

Service, maintenance and testing of Platinum cabinets – as well as all other Kojair brand products – is performed by Kojair Tech Oy's highly-trained service organisation or qualified Kojair distributors.



# Be **SMART** – have it all

50 years of craftsmanship

Professional support

Most silent cabinet  
in the world with the  
safest working conditions

Reduce your  
ecological footprint



**KOJAIR**<sup>®</sup>

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Kojair distributor near you

MADE IN  FINLAND

