



3-filter technology for - cytotoxics DIN 12980
- microbiology EN 12469

BIOWIZARD Xtra KOJAIR®

Xtra Safe
working
with a
Sound of
Silence



The superior advantages of



BIOWIZARD Xtra KOJAIR®

Designed for working with
hazardous materials

Safety

Installed H14 Pre-filters (EN 1822):

- Filter change with minimum contamination risk (DIN 12980)
- Filter size suitable for autoclave
- Individually scannable filters

Silence

- Most silent on the market
- Under 56 dB (A) *

Ergonomics

- Comfortable working position
- Easy-to-use control panel
- Easy to clean
- Adjustable work height (800-900 mm)

Lights

- Adjustable lights
- Over 2000 lux *
- No shadows
- Glare free

Design

- High quality materials
- Solid construction
- Nice lines, good looking curves
- Fresh colour

Service and maintenance

- All maintenance work from front



* BioWizard 130 Xtra

Biowizard Xtra 3-filter technology safety cabinet ensures safe, silent and practical ergonomics.



Silent working conditions



European Agency for Safety and Health at Work has made work related noise one of its main themes. Current Cytotoxic- and Microbiological Safety Cabinets have high noise levels.

Noise is undesired and unpleasant for workers. It does put load on brain and can harm physically and mentally.

High sound level not only affects hearing, stress level and blood pressure but also weakens concentration, creativity and comprehension.

Kojair Tech Oy has developed 3-filter technology Safety Cabinets according to DIN 12980 / EN 12469 with sound levels under 56 dB(A).

Practical ergonomics

- Extended life time of down- and exhaust filter due to H14 pre-filtration (EN 1822)
- Extremely silent, comfortable operation
- Low vibration level
- The electric sliding front window closes completely
- Position of the light tubes ensure shadowless lighting over the whole working area, over 2000 Lux
- Side and front windows are made of laminated safety glass
- Comfortable, warm arm rest
- The backward-slanted front side gives a clear view through the sliding window and guarantees a comfortable working position.
- V-shaped front grill



Adjustable lights

- Lights exceed DIN 12980 /EN 12469
- Fully adjustable lights between 750 and 2000 lux
- No shadows
- Anti-glare shields
- Light tubes can be changed without entering the contaminated area



Easy cleaning

- Easy cleanable frameless front glass
- Smooth surfaces without any screws or nuts
- Stainless steel bottom sink with round corners



Flat screen

- Biowizard Xtra can be equipped with a flat screen display as an option



H14 pre-filtration (EN 1822) according DIN 12980

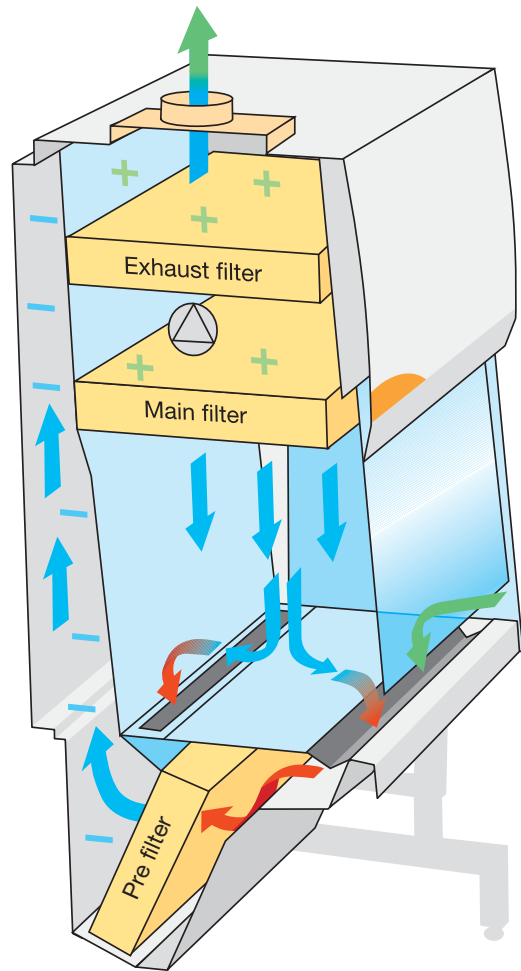
- Filter change with minimum contamination risk (DIN 12980)
- Suitable size for autoclave
- Individually scannable (Patent pending)



BIOWIZARD Xtra
KOJAIR®

Technical Details and Options

- Adjustable base stand
- Slanted electric sliding front window
- Constant measurements of the airflow velocities
- Table top with lowered middle section
- V-shaped front grill
- Designed for LON/LAN
- Smooth touch user interface with a real time clock
- 1/2 speed switch
- Media valve installation channels
- PCB interface for service info
- Electrical socket with timer and fuse
- Programmable service interval signal
- Versatile UV features



Options

- Exhaust connection fitting
- Magnetic safety valve for gas tap (EN 12469)
- Potential-free connection
- UV light with magnetic fastening and safety delay timer
- Extra double sockets, compatible with European standards
- Extra gas and other media valves
- Foot pedal for front window usage
- Preparation for flat screen
- Marble stone
- Remote switch for clean room purposes

Ask for customized applications
for your special needs
(microscopes, IVF, weighing etc.)

Biowizard Xtra	130	170	200
Total width (mm)	1280	1625	1930
Working space (mm)			
Width	1190	1535	1840
Depth	600	600	600
Height	720	720	720
Air volumes (m ³ /h)			
Recirculation	995	1225	1480
Exhaust	345	445	530
Total	1340	1670	2010
Exhaust fitting (ø, mm)	160	200	200
Exhaust fitting location	288	355	733
Lighting (W)	2x55	2x55	2x55
Weight (incl. base, kg)	280	350	380
Power (max. W)	1150	1520	1520

230 VAC, 50/60 Hz *

* Also possible for 220 - 240 VAC
Transport height with base 1998 mm

Service

- Access to the follow-up information via the front panel
- Comprehensive Kojair training system
- Spare parts available, guaranteed for 10 years (filters, lights, etc.)
- Installation and commissioning
- Easy performance of annual testing procedures, manuals, specs etc.
- All maintenance can be performed from front
- Due to enlarged HEPA filter media area, filter life time is extra long
- KI discus test



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- Over 35 years experience in Clean Air technology
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- Continuous research and development
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