

# UNIFLOW – MA

# UNIEQUIP

is the safest **Microbiological Class 2 Cabinet** with the highest Operator Comfort and best operational supervision.

**UNIFLOW – MA** is featuring unique unidirectional flow, sloping ergonomically front, highest window supervision of the work surface, higher work opening, high and natural light intensity with damping possibility, electrical sliding window, antivibration with balance up to 6 decimals, microprocessor control and communication, according to EN 12469:2000

UNIFLOW - MA



## High Operator Comfort

- Sloping front for best supervision
- Clear slide windows give good lighting conditions
- Light damper ensures individual adjustment of light intensity up to 1000 Lux
- The front edge slopes to suit the position of the operators arm ergonomically correct
- Control board in eye level for the operator
- Low cabinet design allows worksurface at 110 cm and full use of elevation stand in low roofed rooms below 250 cm
- Removable work surface for easy cleaning
- For export we offer a floor rack with central support system

## High Safety

- True sterility better than Class 100 following international standards
- High uniformity with down flow of 0.45 m/s +/- 10% with 30% exhaust
- No cross contamination and vibration with more balanced air
- Product protection, H -14 HEPA filter for the highest purity in the working chamber, 99,995% MPPS according to EN 1822

## Other features

- Stainless steel with rounded corners
- Divided stainless steel table tops in two versions
- Side and front windows in hardened glass
- Smooth working chamber with rounded corners
- Clean room design for easy cleaning without dusty places
- Change of HEPA -filters is easy done from the front
- Includes DOP/DOS for correct filter test
- Fullfills requirements for Class 2 safety cabinets according to EN 12469:2000, BS 5726, DIN 12950

Dimensions and specifications are subject to change without notice for further improvements on design.  
 Dimensions may vary dependent on different accessories be used.

# UNIEQUIP

D-82152 Martinsried / München - Fraunhoferstrasse 11  
 Telefon: +49-89-8 57 52 00 · Telefax: +49-89-8 56 13 04  
 e-mail: [info@uniequip.de](mailto:info@uniequip.de) · Internet: [www.uniequip.com](http://www.uniequip.com)

### Eye level control panel

All cabinet functions can be viewed from either a seated or standing position without upsetting working procedures. The control panel includes functions for reduced speed, resettable hour counter, light intensity adjustment, UV light timer, exhaust, down flow and window alarms. Service access is protected via a key pad code. The digital blower system is precisely controlled through the microprocessor giving excellent airflow performance.

### High work opening, 20 cm or optional 30cm

The normal work opening is a comfortable 20cm or optional 30cm giving the best operator barrier even in busy laboratories. Often weighing applications require higher working heights to get access to containers, etc., therefore the cabinet is made with an option to have a work opening of 30 cm



### Compact

Being only 799 mm deep, the cabinet can easily be transported through 800 mm doorways. The compact design also saves on valuable laboratory space. The low height ensures it will fit into rooms with ceiling heights below 2.5 m and still allows for electrically height adjustable stands to be used in working heights of 75 cm to 105 cm. This is especially important for procedures carried out whilst standing. The cabinet is available in 4 sizes: 900, 1200, 1500 and 1800 mm working widths.

Model	Unit	MA-900	MA-1200	MA-1500	MA-1800
External dimension (DxWxH)	mm	795 x 1003 x 1248	795 x 1303 x 1248	795 x 1605 x 1248	795 x 1903 x 1248
Working chamber, dimensions Dx WxH)	mm	650 x 900 x 720	650 x 1200 x 720	650 x 1500 x 720	650 x 1800 x 720
Front opening, fixed	mm	200	200	200	200
Working height	cm	75 – 105	75 – 105	75 – 105	75 – 105
Air velocity, Vertical flow	m/s	0,45	0,45	0,45	0,45
Air velocity, Deviation	+/--%	10	10	10	10
Down Flow rate	m <sup>3</sup> /h	800	1100	1300	1500
Exhaust Flow rate	m <sup>3</sup> /h	300	400	500	600
Noise level, ISO 6081	dB (A)	<54	<54	<55	<55
Light intensity variable	Lux	0 – 2000	0 – 2000	0 – 2000	0 – 2000
HEPA-Filters		H-14	H-14	H-14	H-14
Voltage / Frequency	V / Hz	220/50 or 115/60	220/50 or 115/60	220/50 or 115/60	220/50 or 115/60
Power	W	600	600	700	800
Fuses	A	10	10	10	10
Net weight	kg	225	250	275	300
Shipping volume	m <sup>3</sup>	2,2	2,9	3,5	4,1
Window material		hardened glass	hardened glass	hardened glass	hardened glass
Cabinet material		Polyester coated steel/AISI 304 Stainless steel	Polyester coated steel/AISI 304 Stainless steel	Polyester coated steel/AISI 304 Stainless steel	Polyester coated steel/AISI 304 Stainless steel

Dimensions and specifications are subject to change without notice for further improvements on design.  
Dimensions may vary dependent on different accessories be used.