

1 Gel documentation system Doc-Print VX2 NEW!

- Compact, PC-independent gel documentation system
- Robust and durable
- Easy handling, even with wet gloves
- Large TFT display, excellently readable
- Context-sensitive task buttons, quick-shot button
- Highly-sensitive scientific camera for high imaging quality

All models with the following standard components:

- Sensitive CCD camera, zoom, UV spectral filter, hood
- Control unit with integrated display and USB ports
- Free PC analysis software



Type	Description	PK	Cat. No.
DP VX2	With standard components	1	7.930 022
DP VX2-P	With standard components and thermal printer	1	7.930 023
DP VX2-20.M	With standard components and transilluminator BECXF-20.M	1	9.971 928
DP VX2-P-20.M	With standard components, thermal printer and transilluminator	1	9.971 929

2 Gel documentation system DP-1100 NEW!

- PC-independent gel documentation system with compact, high-quality darkroom made of metal
- Robust and durable
- Easiest handling, even with wet gloves
- Large TFT display, excellently readable
- Context-sensitive task buttons, quick-shot button
- Highly-sensitive scientific camera for high imaging quality

All models with the following standard components:

- Sensitive CCD camera, zoom, UV spectral filter
- Darkroom with filter wheel, integrated, completely extendable transilluminator BECXF-20.M with automated UV security switch
- Control unit with integrated display and USB ports
- Free PC analysis software



Type	Description	PK	Cat. No.
DP-1100	With standard components	1	9.971 930
DP-1100-P	With standard components and thermal printer	1	7.930 095

3 4 Microbiological Safety Cabinets, Class II, Type Infinity®

The Industry's Premier Biological Safety Solution from Esco. Class II according to DIN EN 12469.

Esco

- Ergonomically angled and motorized front sash for one hand operation
- Esco triple-wall design with negative pressure prevents the possibility of contamination from leaks.
- A large easy-to-read digital display and ergonomically sized touchpad.
- Dual fan design for guaranteed safety
- The interior sides and back wall are formed from a single piece of stainless steel.
- Multi-piece work surface removal simplifies cleaning
- Esco ISOCIDE™ antimicrobial coating on all painted surfaces minimizes contamination.
- Accuflow-speed controller maintains steady blower speed
- Certified according to EN 12469 by TÜV-Nord, Germany
- HPV-compliant and approved for safe decontamination

Standard equipment:

- 2 electrical outlets
- UV lamp with timer

More options, support stands, installation on request.



Type	Size	External dimensions (W x D x H) mm	PK	Cat. No.
Infinity® FC2-4A1	1.2m	1420 x 805 x 1535	1	9.536 715
Infinity® FC2-5A1	1.5m	1725 x 805 x 1535	1	9.536 716
Infinity® FC2-6A1	1.8m	2030 x 805 x 1535	1	9.536 717

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1 Microbiological Safety Cabinet, class II Type Airstream®

The Industry's Most Energy Efficient Class II Cabinet.
Class II according to DIN 12469.

Esco

- Ergonomically angled and frameless front sash
- A large easy-to-read digital display and ergonomically sized touchpad.
- Tempered glass side walls
- Esco triple-wall design with negative pressure prevents the possibility of contamination from leaks.
- ISOCIDE™ antimicrobial coating on all painted surfaces minimises contamination.
- Sentinel-Microprocessor maintains steady blower speed
- INNOVA™ energy saving fan technology reduces cabinet power consumption.
- HPV-compliant and approved for safe decontamination

Other varieties:

- Airstream G with Dual-Exhaust Filters (2 x HEPA), better protection
- Airstream G with Dual-Exhaust Filters (1 x HEPA, 1 x Activated carbon), for additional chemical protection

Standard equipment:

- 2 Electrical outlets
- UV Lamp with timer

More options and support stands on request.

Type	Size	External dimensions (W x D x H) mm	PK	Cat. No.
Airstream E AC2-2E1	0.6 m	730 x 800 x 1400	1	9.536 710
Airstream E AC2-3E1	0.9 m	1035 x 800 x 1400	1	9.536 711
Airstream E AC2-4E1	1.2 m	1340 x 800 x 1400	1	9.536 712
Airstream E AC2-5E1	1.5 m	1645 x 800 x 1400	1	9.536 713
Airstream E AC2-6E1	1.8 m	1950 x 800 x 1400	1	9.536 714
Airstream G AC2-4G1*	1.2 m	1340 x 800 x 1470	1	7.939 057
Airstream G AC2-6G1*	1.8 m	1950 x 800 x 1470	1	7.939 058

*with additional charcoal filter

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2 3 MSC-Advantage™ Class II Biosafety Cabinets

Thermo Scientific biological safety cabinets combine smart design and extraordinary value with best-in-class energy efficiency, reliability and usability. The MSC-Advantage is designed to meet the stringent safety requirements of EN 12469:2000 and EN 61010-1:2001, and carries the NF Mark as well as the test report from the Health Protection Agency (HPA) from Porton Down, UK.

Thermo Scientific

- 60% less energy consumption than competing AC motor-driven cabinets
- 60% less heat emission than competing AC motor-driven cabinets
- Extremely low noise level (54 or 59 dB(A)) for a more comfortable work environment
- Largest work surface area of any cabinet (more workspace for your research)
- Cleaning position of window (patented feature that allows user to clean the entire window)
- Sloped front window for improved ergonomics (more comfortable working position)
- Motor operates at reduced speed when front window is closed (keeps interior cleaner for faster set up each day and eliminates noise into the lab when not in use)
- Low overall height to fit into labs with shorter ceilings
- Supply/exhaust air filter: HEPA H 14 EN 1822, 99.999% at 0.3 µm particle size
- Additional exhaust filter option (AEF): HEPA H 14 EN 1822, 99.999% at 0.3 µm particle size
- Voltage: 230 V, 50/60 Hz

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Description	External dimensions (W x D x H) mm	Internal dimensions (W x D x H) mm	Weight kg	PK	Cat. No.
MSC Advantage 0.9	1000 x 800 x 1522	900 x 630 x 780	170	1	4.010 047
MSC Advantage 1.2	1300 x 798 x 1550	1200 x 495 x 780	240	1	6.235 767
MSC Advantage 1.5	1600 x 800 x 1522	1500 x 630 x 780	230	1	4.010 048
MSC Advantage 1.8	1900 x 798 x 1550	1800 x 495 x 780	340	1	4.010 033

Accessories for MSC-Advantage Microbiological Safety Cabinets Class II



Thermo Scientific

Description	PK	Cat. No.
Standard floor stand, 750mm height for 1.8m cabinet	1	4.009 986
Manual Adjustable stand, 1.2m cabinet, 750-950mm in 50mm increments	1	4.009 987
Manual Adjustable stand, 1.8m cabinet, 750-950mm in 50mm increments	1	4.009 988
Electric Adjustable stand, 750-950mm height for 1.2m cabinet	1	4.009 989
Electric Adjustable stand, 750-950mm height for 1.8m cabinet	1	4.009 990
Vacuum tap 3/8 connection	1	4.009 992
UV Light Option, Field Installed	1	4.010 001
UV Light Option, Factory Installed	1	4.010 098
Standard floor stand, 750mm height for 1.2m cabinet	1	6.241 502
Solenoid valve for combustable gas tap	1	9.536 550
Water tap H2O 3/8 connection	1	9.536 551
Non-combustible gas 3/8 tap with long neck for installation in side walls	1	9.536 552
Tap for flammable gas cylinders 3/8 connection	1	9.536 553

1 Microbiological Safety Cabinet BSC-700II



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This miniature Class 2 safety workbench offers security on a minimum of space.

The protection of the user as well as the safety of the samples is ensured by the two HEPA filters with an efficiency of 99.995% at 0.3 microns. An air-flow gauge (velometer) monitors the speed of air at the front and will activate an alarm (audiovisual), if the fan malfunctions. The unit may be placed on a desk without any problems, optional with mobile base frame available.

Standard features:

- Electrical sliding window
- UV light, to be positioned freely
- 2 sockets, can be disconnected from outside
- Electronically controlled air stream
- Automatic readjustment of fan
- Stainless-steel working surface
- Quiet fan drive with low vibration
- Digital air flow indication
- Main switch as key-operated switch
- Option: Stainless steel base frame with 4 castors (2 castors are lockable)

Specifications

External dimensions (WxDxH):	700 x 650 x 1230mm
Working area dimensions (WxDxH):	600 x 500 x 540mm
Material front sash:	Multi-layer toughend glass
Material working area:	SUS 304 stainless steel
Clean level:	Class 10
Noise level:	65dB
Vibration:	≤5µm
Power requirements:	AC 230/V 50Hz
Power consumption:	800W
Light:	>680lux
Safety standard:	EN 12469



Type	PK	Cat. No.
BSC-700II	1	9.536 800



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1 Laminar Flow Clean Benches, Horizontal and Vertical Type Airstream®

Esco laminar flow clean benches are the premium selection for the discerning researcher, offering a combination of value, high quality construction, low operating noise levels, and a wide product range to suit all budgets, from the industry leader.

Esco

- Sentinel-Microprocessor maintains steady blower speed
- Airflow alarms
- Tempered glass side walls
- H14 HEPA filters providing superior product protection
- Pre-filter EU3
- Average Airflow Velocity (adjustable): 0.45m/s
- The air cleanliness within the work zone is better than ISO Class 5
- ISOCIDE™ antimicrobial coating on all painted surfaces minimizes contamination.

Standard equipment:

- 2 Electrical outlets
- UV Lamp with timer

More options and support stands on request.

Type	Size	External dimensions (W x D x H) mm	Description	PK	Cat. No.
Airstream® AHC-2D1	0.6m	730 x 797 x 1105	horizontal	1	9.536 700
Airstream® AHC-3D1	0.9m	1035 x 797 x 1105	horizontal	1	9.536 701
Airstream® AHC-4D1	1.2m	1340 x 797 x 1105	horizontal	1	9.536 702
Airstream® AHC-5D1	1.5m	1645 x 797 x 1105	horizontal	1	9.536 703
Airstream® AHC-6D1	1.8m	1950 x 804 x 1175	horizontal	1	9.536 704
Airstream® AVC-2D1	0.6m	730 x 770 x 1250	vertical	1	9.536 705
Airstream® AVC-3D1	0.9m	1035 x 770 x 1250	vertical	1	9.536 706
Airstream® AVC-4D1	1.2m	1340 x 770 x 1250	vertical	1	9.536 707
Airstream® AVC-5D1	1.5m	1645 x 770 x 1250	vertical	1	9.536 708
Airstream® AVC-6D1	1.8m	1950 x 770 x 1250	vertical	1	9.536 709

2


2 PCR Cabinets Type Airstream® SCR/PCR

NEW!

Active PCR Cabinet with built-in UV Decontamination and true vertical laminar airflow.

Esco

- Average Airflow Velocity (adjustable): 0.3m/s
- HEPA filter with Prefilter
- The air cleanliness within the work zone is better than ISO Class 5
- Sentinel-Microprocessor maintains steady blower speed (only 0.9m and 1.2m models)
- Hinged polycarbonate front window
- Tempered glass side panel
- ISOCIDE™ antimicrobial coating on all painted surfaces minimizes contamination.
- Fluorescent lighting provides superior illumination of the work zone
- Build-in UV lamp with timer
- Pass-through ports in the back wall

More options and support stands on request.

Type	Size	External dimensions (W x D x H) mm	PK	Cat. No.
Airstream® SCR-2A1	0.6 m	730 x 617 x 950	1	7.939 129
Airstream® PCR-3A1	0.9 m	1035 x 617 x 950	1	7.939 127
Airstream® PCR-4A1	1.2 m	1340 x 617 x 950	1	7.939 128

UV sterilisation cabinets



Cleaver Scientific

These UV Sterilisation Cabinets provide a convenient area for setting up PCR reactions in a nucleic acid free environment thus limiting PCR reaction contamination. Acting effectively as a low cost alternative to a clean room, the powerful UV lights on the cabinets denature nucleic acids in 5 to 30 minutes making them unsuitable for amplification. The cabinet incorporates safety features to prevent user exposure to UV light. The UV lights themselves are timer controlled and there are safety switches on the cabinets doors which turn off the UV lights when opened.

Specifications	Maxi/Mini
UV Lights:	4 x 15W
White Lights:	15
Dimensions (H x W x D):	770 x 560 x 420mm/510 x 560 x 350mm
Weight:	19kg/12kg

Type	Description	PK	Cat. No.
CSL-UVCAB	UV sterilisation cabinets Maxi, with timer	1	9.584 774
CSL-UVCABMINI	UV sterilisation cabinets Mini, with timer	1	9.584 775



9.584 774



9.584 775



Contents

Vials	1247
Ampoules, Septa 1247	
Syringes	1276
Microlitre Syringes 1276	
Sample preparation	1284
SPE 1284	
Chromatography columns	1300
HPLC 1300 + Flash columns 1324 + Solvent storage/handling 1326 + GC columns 1337 + GC Reagents 1352	
Thin-layer chromatography	1355
Plates 1355 + Detection 1362 + General Accessories 1363	