

the **Interceptor[®]**



**BIOLOGICAL
SAFETY CABINET**
CLASS II, A2
CLASS II, B2

KEWAUNEE[®]

...encouraging new discovery

the **INTERCEPTOR** CLASS II

Biological Safety Cabinet



Coved Corner



Touch Pad Controls

Safety and Ergonomics! No two factors are more important in the laboratory environment. Kewaunee has earned the trust of our customers for more than 100 years, building products specifically for the laboratory with these two principles in mind.

The Interceptor Class II, Biological Safety Cabinets are Kewaunee's latest design. Developed with comprehensive features created to enhance both safety and ergonomics... the Interceptor leads its class.



Kewaunee's CDC type Biological Safety Cabinet Circa 1970's.

Ergonomic Design

- 10° angled easy lift sash utilizes a reinforced nylon sash belt and sprocket
- Easy access, Touch Pad Control Panel, ADA compliant
- Removable one piece stainless steel worksurface
- Coved Corner, three wall stainless steel interior for ease of cleaning
- Forward positioned service fittings
- Tilting sash for easy cleaning
- Telescopic Base Stand options include manual or electrically operated adjustable height
- Ergonomic Armrest

Safety & Reliability

- Full Color VGA Monitor provides real time performance data
- Double wall construction surrounds containment area with negative pressure
- Angular front grill design improves containment
- Multiple Audible/Visual Alarm features:
 - Sash position alarm
 - Programmable filter load warning
 - Maximum filter load alarm
 - UV lamp “ON” indicator
 - UV lamp programmable timer
 - UV lamp life expectancy monitor
- NSF/ANSI 49
- Each cabinet is factory tested to NSF/ANSI 49, Section 6.15
- UL 601010-A-1 listed
- Low pressure Airflow Sensor (Thimble connection)



Ergonomic Armrest

Sash opening tested and operable at 10" for Class II, A2 and 8" for Class II, B2





Front Loading HEPA Filters

Anti Racking Sash Belt and Sprocket Drive

Full Color VGA Monitor

T5 Fluorescent Lamp

Optional UV Lamp

Max Sash opening 22-1/4"

Touchpad Controls

Single Piece Type 304 Stainless Steel Interior Liner with Coved Corners for Ease of Cleaning

Telescopic Base Stand

Options Include:
Manual Height Adjustment,
1" Incremental, Electrically Operated Adjustment

Max Visibility 25-15/32"

Sash Opening Height
10" — Class II, A2
8" — Class II, B2

Angular front grill design

Ergonomic Armrest

Removable
Type 304
Stainless Steel
Worksurface

INTERCEPTOR

FEATURES

VGA MONITOR

FEATURES

Kewaunee's new Full Color VGA Monitor, with high resolution 640x480 pixel display, offers superior clarity. Fully programmable screen ensures operator safety by displaying continuous "Remaining Filter Capacity" and "Face Velocity" readouts at all times. Audible and Visual Alarm System alerts user to: unsafe sash height, unsafe filter loads, and unsafe face velocities. The monitor also features a pre-programmed user training demo.



Face Velocity, Remaining Filter Capacity



Sash Position 10" A2, 8" B2



UV Lamp Indicator - On, Timer, Life Expectancy



Service Menu - Password



Service Menu - Setup

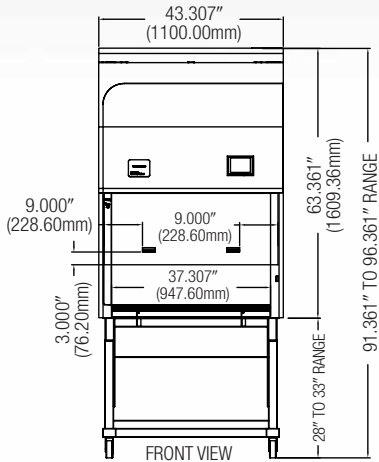


Programmable Training Demo

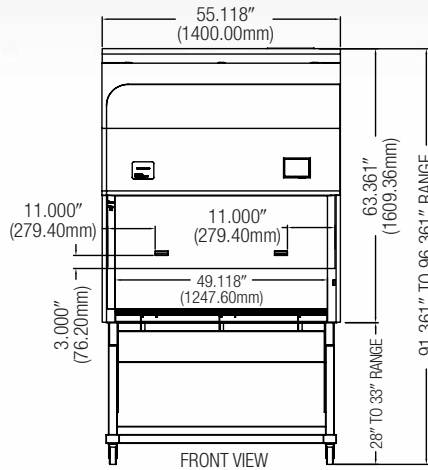
INTERCEPTOR A2

TECHNICAL INFORMATION

INT-1100

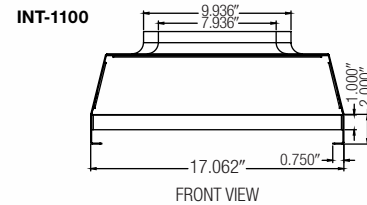


INT-1400

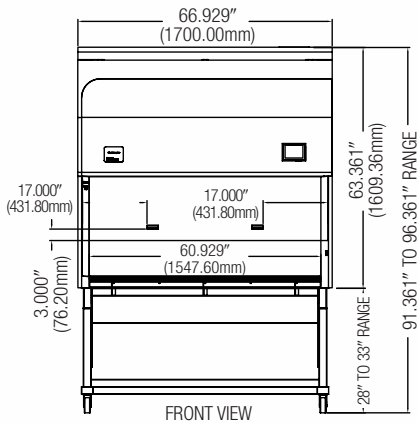


Class II, A2 Thimble Exhaust Volume

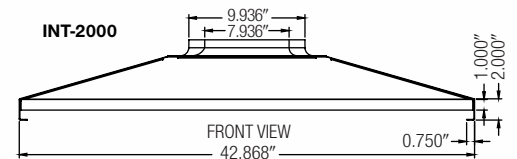
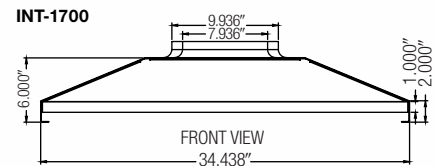
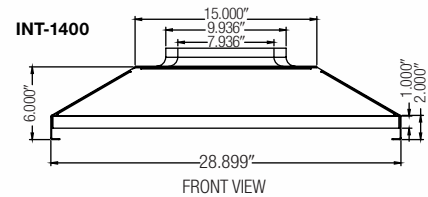
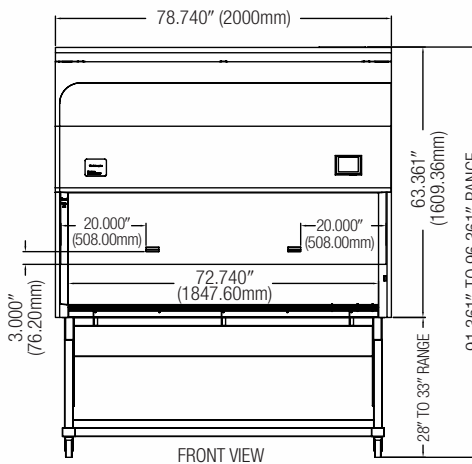
Hood Model	BSC CFM	Thimble Exhaust CFM
INT-1100	272	354
INT-1400	358	465
INT-1700	444	577
INT-2000	530	689



INT-1700



INT-2000



* All Thimble connections include Airflow Sensor.



Manual Adjust
Telescoping Stand



Electrically
Adjustable
Stand

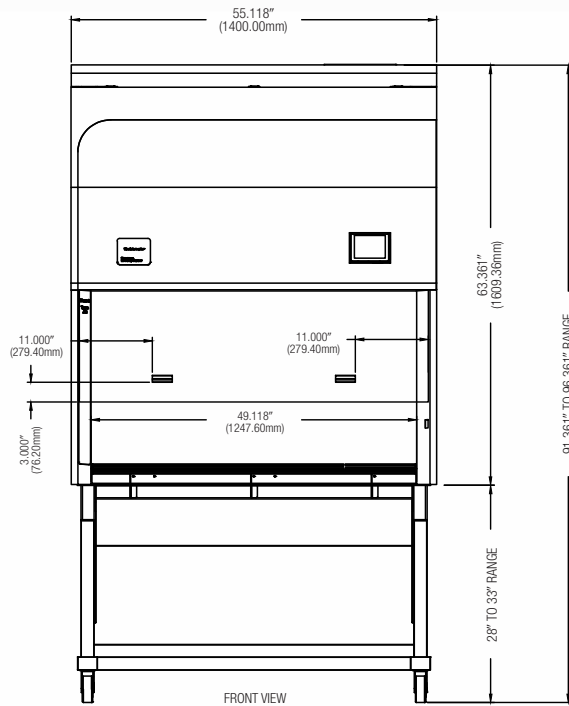
INTERCEPTOR B2

TECHNICAL INFORMATION

Class II, B2 Exhaust Volume

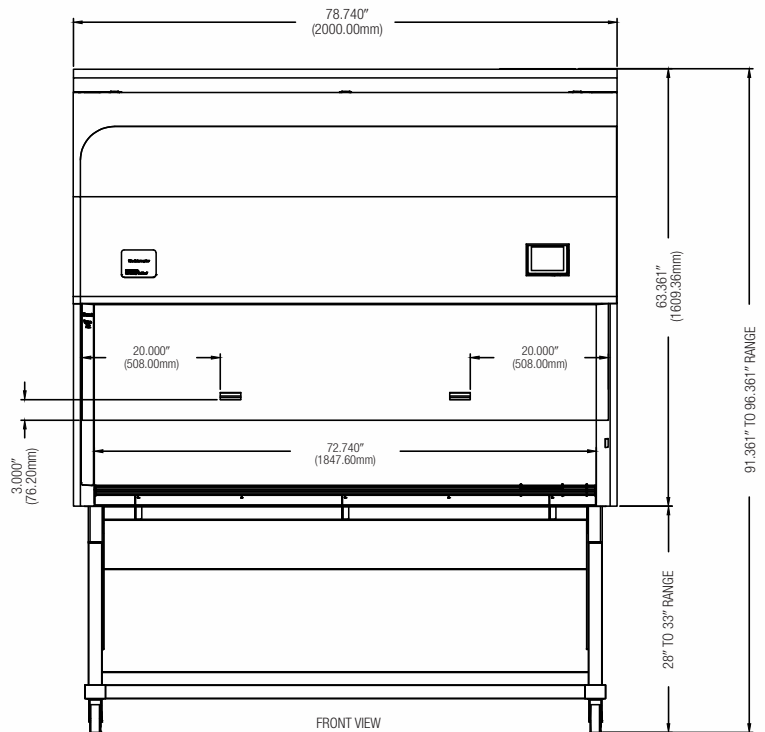
Hood Model	BSC CFM	Exhaust CFM
INT-1400B	285	755
INT-2000B	424	1120

INT-1400B



FRONT VIEW

INT-2000B



FRONT VIEW



Service Fitting



Footrest



I.V. Pole

Product Descriptions 120 VAC

Product Number	Superstructure – Exterior Dimensions				BASE STAND		
	width (mm)	depth (mm)	height (mm)	dimensions in inches	series type	type of stand	size and range of motion
INT-1100A	1100	815	1610	43.3" × 32.1" × 63.4"	1100 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
INT-1100A-1	1100	815	1610	43.3" × 32.1" × 63.4"	1100 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion
INT-1400A	1400	815	1610	55.1" × 32.1" × 63.4"	1400 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
INT-1400A-1	1400	815	1610	55.1" × 32.1" × 63.4"	1400 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion
INT-1700A	1700	815	1610	66.9" × 32.1" × 63.4"	1700 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
INT-1700A-1	1700	815	1610	66.9" × 32.1" × 63.4"	1700 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion
INT-2000A	2000	815	1610	78.7" × 32.1" × 63.4"	2000 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
INT-2000A-1	2000	815	1610	78.7" × 32.1" × 63.4"	2000 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion
INT-1400B	1400	815	1610	55.1" × 32.1" × 63.4"	1400 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
*INT-1400B-1	1400	815	1610	55.1" × 32.1" × 63.4"	1400 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion
INT-2000B	2000	815	1610	78.7" × 32.1" × 63.4"	2000 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
*INT-2000B1	2000	815	1610	78.7" × 32.1" × 63.4"	2000 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion

*Requires flexible duct

Product Descriptions 230 VAC

Product Number	Superstructure – Exterior Dimensions				BASE STAND		
	width (mm)	depth (mm)	height (mm)	dimensions in inches	series type	type of stand	size and range of motion
INT-1100A-230	1100	815	1610	43.3" × 32.1" × 63.4"	1100 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
INT-1100A-1-230	1100	815	1610	43.3" × 32.1" × 63.4"	1100 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion
INT-1400A-230	1400	815	1610	55.1" × 32.1" × 63.4"	1400 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
INT-1400A-1-230	1400	815	1610	55.1" × 32.1" × 63.4"	1400 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion
INT-1700A-230	1700	815	1610	66.9" × 32.1" × 63.4"	1700 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
INT-1700A-1-230	1700	815	1610	66.9" × 32.1" × 63.4"	1700 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion
INT-2000A-230	2000	815	1610	78.7" × 32.1" × 63.4"	2000 Series	Manual Adjust	711mm – 838mm (28" – 33") range of motion
INT-2000A-1-230	2000	815	1610	78.7" × 32.1" × 63.4"	2000 Series	Elec. Adjust	711mm – 838mm (28" – 33") range of motion

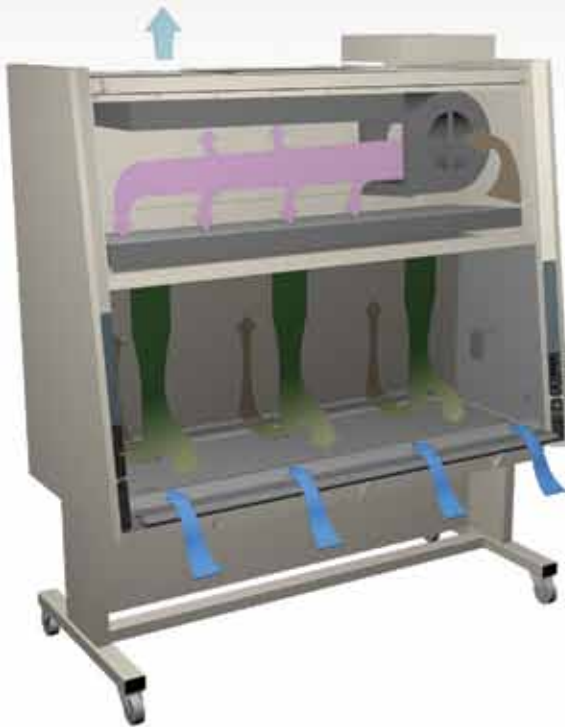
Accessories included: Base Stand, Armrest and 2 GFCI Duplexes

Options	Product Description
INT-CASTER	102mm (5") CASTER SET (Duratex Phenolic wheel with front locking wheels)
INT-UV	UV GERMICIDAL LIGHT
INT-IV-POLE-1100	IV Pole
INT-IV-POLE-1400	IV Pole
INT-IV-POLE-1700	IV Pole
INT-IV-POLE-2000	IV Pole
INT-THIMBLE-1100	THIMBLE CONNECTION FOR A2 ASSEMBLY 1100 SERIES*
INT-THIMBLE-1400	THIMBLE CONNECTION FOR A2 ASSEMBLY 1400 SERIES*
INT-THIMBLE-1700	THIMBLE CONNECTION FOR A2 ASSEMBLY 1700 SERIES*
INT-THIMBLE-2000	THIMBLE CONNECTION FOR A2 ASSEMBLY 2000 SERIES*
INT-FOOTREST	ADJUSTABLE FOOTREST 76mm to 279mm (3" TO 11")
INT-W-0287-00	Service fitting (specify service desired), Field Installed

*Includes Thimble Lowflow Alarm

INTERCEPTOR

AIRFLOW DIAGRAMS



Class II, A2 Airflow

 Room Air	 Unfiltered/Potentially Contaminated Air
 Contaminated Air under positive pressure	 Contaminated Air under negative pressure
 HEPA filtered Clean Air	 HEPA filtered Exhaust Air

Class II, B2 Airflow

 Room Air	 Contaminated Air under negative pressure
 HEPA filtered Clean Air	 HEPA filtered Exhaust Air
 Unfiltered/Potentially Contaminated Air	



Kewaunee Scientific Corporation is dedicated to manufacturing high quality products for the laboratory marketplace.

We offer **Total Laboratory Solutions, Innovative Designs, and Technological Expertise** with a worldwide distribution network to provide laboratories that are truly World Class.

Laboratory Products from Kewaunee:

ALPHA - Adaptable Casework System

ALPHA Columns – Expandable Workstations

ALPHA Overhead Carrier Systems

EarthLine – Environmentally Friendly Casework

Enterprise – Moveable Workstations

Interceptor – Biological Safety Cabinet

Interceptor - Laminar Flow Cabinet

Kemresin – Epoxy Resin Counters & Sinks

Kewaunee Matrix – Educational Stations

Research Collection – Steel Casework

Signature Series – Wood Casework

Supreme Air – Fume Hoods

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