

For effective protection from airborne asbestos fibres and other particles.

Asbestos Inspection Cabinet



BA 1004, 1000mm wide

DESCRIPTION

Bigneat's BA Asbestos Inspection Cabinet is manufactured to a very high standard using only the best quality materials. The fan housing is manufactured from mild steel and is finished with an epoxy white coating. The enclosure is frameless, fabricated from optically clear acrylic which is UV stable, chemically resistant and easy to clean. A services port with a cover is provided in each side panel. Air is drawn through the apertures in the front of the cabinet and upwards into the filtration system, clean air is returned to the room.

The cabinet is designed to operate at a minimum face velocity of 0.5 m/s which is manually adjustable. An LCD air flow indicator is supplied to provide readout of flow rate. Double hinged panels facilitate easy access to cabinet interior for cleaning and loading.

Asbestos Inspection Cabinet is a HEPA filtered ductless safety cabinet which provides operator protection from fibres and particles.

Bigneat's BA cabinet has excellent access through tear drops in the front panel to the cabinet interior for manipulation of the contained microscope and sample slides.

The lower panel is supplied with an aperture to accept a microscope eye piece. This will be cut to suit individual requirements prior to delivery. Cabinet may be placed onto an existing work surface or supplied with its own support stand/mobile bench. The mobile bench with castors makes the cabinet portable.

BA cabinets are available in two cabinet widths; 800 and 1000mm.



Metric Version

FEATURES

- **Quiet operation**
- **Clear all-round vision**
- **Control panel with soft touch buttons and service due indicator**
- **Audible electronic low air flow alarm**
- **Safe-change pre-filter can be bagged under negative pressure**

▶ SUPPORT STAND/BENCH

To make your cabinet free standing, you may choose to purchase an open box section support stand with adjustable/levelling feet. A motorised height adjustable version is available.



Height to work surface: 860mm.

▶ FILTRATION

Cabinets are supplied with:
Pre-filter (removes particles/fibres greater than 5 microns).
HEPA filtration (removes particles/fibres greater than 0.3 microns with an efficiency of 99.997%).

▶ LEGISLATION & STANDARDS FOR FILTRATION AND CONTAINMENT

Bigneat's BA Asbestos Inspection Cabinets have excellent air flow control and enable compliance with HSE 248 regulations. Meeting recognised Standards worldwide, for example:

- Health & Safety Executive - Publication HSG 248 "Asbestos: The analysts' guide for sampling, analysis and clearance procedures."
- BS EN 14175-2:2003 Fume cupboards. Safety and performance requirements
- BS EN 61326:2006 Electrical equipment for measurement, control and laboratory use. EMC requirements.

▶ UPGRADES

LED – Low Energy Lighting.
Hour Counter.
Carbon Solvent filter (OS4) upgrade.

▶ KEYPAD CONTROLS



Detail of acrylic, showing services port in side panel.

▶ QUALITY ASSURED



Bigneat is accredited to BS EN ISO 9001: 2008



Bigneat systems are CE marked

Bigneat manufactures from UL approved components

Model	Description	Dimensions mm WxDxH		Sound levels	Boxed/ shipping Weight Kg	Boxed/shipping Dimensions mm WxDxH
		External	Internal			
BA 8004	Asbestos Inspection Cabinet.	820x570x1145	770x510x810	<50dBA	123	1050 x 1050 x 900
BA 1004	Supplied complete with pre-filter, HEPA filter (H4 size).	1020x570x1145	970x510x810	<50dBA	136	1270 x 1050 x 900

Cabinets available for power supply: 230V, AC, 50Hz, 5Amp, 1Ø and 110V, AC, 60Hz, 8Amp, 1Ø.
• Power consumption with fan operating only, 60W.

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