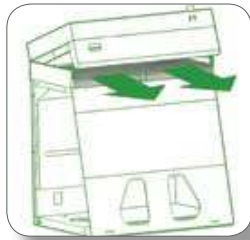


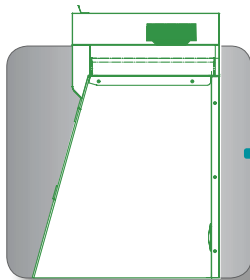
# Esco Powdermax® Powder Weighing Balance Enclosure

Provides Operator and Environment Protection



### Easy To Filter Change

Filters are easily replaced from the front of the hood.



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### Comfortable Ergonomic Design

13° degree sloped front allows easy access to work zone - enhancing ergonomics, eliminating operator fatigue and increasing productivity.

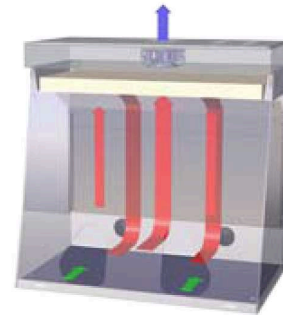


*Powdermax™ Powder Weighing Balance Enclosure, Model PW1-3A\_ Shown with optional MBC-3A0 (mobile cart).*



### Sentinel Silver™ Microprocessor Control, Alarm System

Advanced microprocessor control supervises operation of all hood functions. Temperature-compensated air velocity sensor monitors both exhaust. 24-hour clock and blower run hour meter, are standard.



### Filtration System

The inflow flushes the work zone of the hood, negative pressure is maintained (relative to the ambient environment) so that no powders escape the work zone.

*Note: Esco Powdermax 1 Powder Weighing Balance Enclosure's unique design maintains balance stability to 4 decimal places without compromising containment.*

General Specifications, Esco Powdermax Powder Weighing Balance Enclosure, Model PW1-3A_		
External Dimensions (W x D x H)	840 x 700 x 1125 mm (33" x 27.6" x 44.3")	
External Work Area, Dimensions (W x D x H)	820 x 650 x 848 mm (32.3" x 25.6" x 33.5")	
Air Volume	234 m³/h (138 cfm)	
Inflow Velocity	Initial setpoint: average of 0.5 m/s (100 fpm) measured in plane of work aperture	
HEPA Filter Efficiency	>99.99% at 0.3 microns	
Sound Emission	<55 dBA at initial blower speed setting measured at typical operator work position	
Fluorescent Lamp Intensity at Zero Ambient	>560 Lux (> 52 foot-candles)	
Electrical	<b>Model</b>	<b>Voltage</b>
	PW1-3A1	220-240V, AC, 50Hz, 1Ø
	PW1-3A2	110-130V, AC, 60Hz, 1Ø
	PW1-3A3	220-240V, AC, 60Hz, 1Ø