

Description

The new Gelaire ACC-1200-2 is a special laminar flow clean workstation with unique air-balancing properties to provide personnel and product protection during animal-handling procedures. Mounted on castors, this mobile cabinet features a microprocessor control and Minihelic pressure gauges for air-flow monitoring and control.

To ensure maximum efficiency and flexibility, the unit embodies an open-access concept that is designed for cage-changing operations. The large 355 mm work access opening enables easy insertion and removal of cages, while the electrically adjustable height and ergonomically sloped sash deliver maximum user comfort.



Safety

- **Operator, product and environment protection** provided by airflow balancing technology that prevents aerosols of allergens escaping the work zone and external contaminated air from entering the work zone.
- **Minipleat U15 ULPA filter technology**, with efficiency of >99.999% at MPPS, 0.3 and 0.12 µm provides enhanced operator, product and environment protection.
- **Microprocessor control** allows the operator to easily control all cabinet functions on the LCD screen. Audible and visual alarms alert the operator of unsafe sash position or low airflow (detected by proprietary airflow sensing technology).
- **Antimicrobial powder coating** prevents surface bacterial growth and enhances operator safety.



Product bulletin

Date

27 March 2007

A specialised supplier of high-technology safety cabinets, laminar flow cabinets, precision air samplers and cleanroom test equipment

ACC-1200-2 dual access animal containment workstation

Operation efficiency

- **Open access concept** allows 2 or more operators to work simultaneously, maximizing productivity.
- **Large 355 mm work access opening** enables easy handling and transfer of cages.
- **Highly mobile**, mounted on non-marking 150 mm castors with lockable brakes.
- **Compact design** allows the workstation to pass through a standard door opening.
- **Ease of cleaning** - stainless steel work surface with recessed central area and stainless steel drain pan improve spill containment.
- **Electrically-operated height control** allows adjustment of working height between 864 mm and 1168 mm for optimal operator comfort.
- **Activated carbon filters** remove odours from exhaust air.
- **Fluorescent lighting provides** effective illumination and the electronically-ballasted lighting system illuminates immediately, is non-flickering and energy-efficient.
- **Sloping sash window** reduces glare and facilitates access into the work zone.
- **Eye-level Minihelic gauges** monitor gross airflow changes across each fan system.

Testing and certification

Test	Test method
HEPA filter integrity	AS 1807.6
Operator protection	AS 1807.26 (KI-Discus)
Laminar flow velocity and uniformity	AS 1807.1
Lighting intensity	AS 1807.15

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Engineering Diagram

