

Anaerobic Vinyl Chamber

Used for over 30 years in critical anaerobic research and clinical diagnostic labs, these chambers maintain a strict 0-5 ppm (parts per million) O₂ environment using a hydrogen gas mix reacting with a palladium catalyst.

- Durable optically clear vinyl gives long life
- More useable workspace than competitive designs
- Flexible materials reduce operator fatigue
- Available: 36", 59", 78" and custom sizes

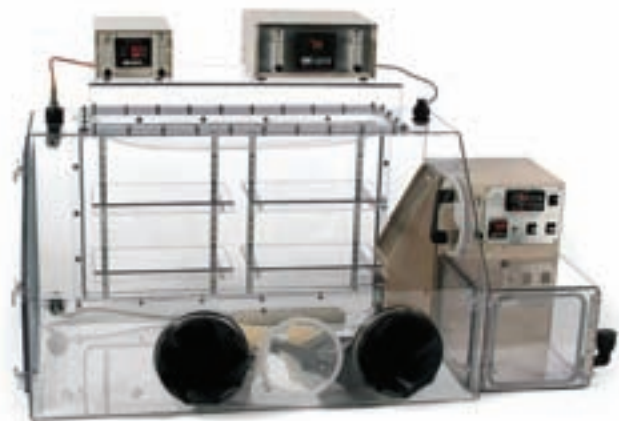


Please contact Mandel at 1-888-883-3636 or email quotes@mandel.ca for pricing and a quote

Hypoxic Chamber

Now cells and tissue culture can be incubated in an oxygen and temperature controlled, environment, enriched with CO₂, that allows **SAMPLE MANIPULATION** without exposing them to ambient conditions.

- O₂ Control 0 – 100%
- Temperature control from ambient to 40°C
- Gloveless sleeves for barehanded manipulation
- Various sizes available



Hypoxic Cabinet with Optional CO₂ Control

Gloveless Anaerobic Chamber

- Vacuum purge sleeves for barehanded entry
- Solid state humidifier
- Armport plugs seal box atmosphere when idle
- 3 standard sizes: 36", 48", 60" lengths



Biosafety Cabinets

Labculture® Class II Type A2

The most widely accredited biosafety cabinet in the world

- Largest work zone in the industry
- Tri-wall construction surrounds the work zone with negative pressure plenums for maximum safety
- Dual, long-life ULPA filters with 99.999% efficiency for particle size between 0.1 and 0.3 microns
- Esco Sentinel™ microprocessor
- Available in 3 – 6 foot sizes



EXCLUSIVE TO
MANDEL

Starting from \$5700
including Free Stand

www.mandel.ca
For product information
and pricing!

Or contact technical support at
technicalsupport@mandel.ca or 1-888-883-3636



Labculture® Reliant Class II Type A2

The best value Class II biosafety cabinet

- Lowest height profile of any benchtop biological safety cabinet
- Dual-wall construction surrounds the work zone with negative pressure plenums for maximum safety
- Dual, long-life ULPA filters with 99.999% efficiency for particle size between 0.1 and 0.3 microns
- Available in 4 & 6 foot sizes



Ductless Fume Hoods

- Environmentally-friendly: does not discharge toxic gases to the environment
- Safe carbon filtration – compliance to international standards
- Low cost – no ductwork required

Ascent™ Opti

- The most technologically advanced, low-cost ductless fume hood
- Equipped with features found only on high-end ductless fume hoods

Ascent™ Max

- Balance of quality, performance and cost-effectiveness
- Operates at a very low noise level
- Extremely low energy consumption

DESCRIPTION	CAT. NO.	PRICE	SPECIAL
2ft Ascent Opti Ductless Fume Hood	ESC-SPB-2A2	\$2,282.00	\$1,825.60
3ft Ascent Opti Ductless Fume Hood	ESC-SPD-3A2	3,561.00	2,848.80
4ft Ascent Opti Ductless Fume Hood	ESC-SPD-4A2	3,649.00	2,919.20
3ft Ascent Max Ductless Fume Hood	ESC-ADC-3B2	4,909.00	3,927.20
4ft Ascent Max Ductless Fume Hood	ESC-ADC-4B2	5,632.00	4,505.60
5ft Ascent Max Ductless Fume Hood	ESC-ADC-5B2	5,887.00	4,709.60
6ft Ascent Max Ductless Fume Hood	ESC-ADC-6B2	6,125.00	4,900.00



Ascent Max



Frontier Acela™ Fume Hoods



**EXCLUSIVE TO
MANDEL**

- Unique Hot Zone Baffles capture fumes quickly
- Tapered fiberglass exhaust collar reduces airflow turbulence, static pressure loss, noise level and increases face velocity uniformity
- Sash stop limits sash movement beyond 457mm (18"). When raised above this height, sash will automatically and gently fall back to the safe level (Esco's CreepDown Mechanism)
- Delivers outstanding containment (less than 0.05ppm, as manufactured) down to 60fpm face velocity at both 18" restricted and full open sash openings

Also available: Frontier PVC Acid Digestion Fume Hoods

Airstream® Vertical Laminar Flow Clean Bench



- Vertical flow reduces airflow turbulence in the work zone when large instruments are used compared with conventional horizontal flow models
- Glass sides enhance visibility
- A curved work surface front edge, and an angled front promotes ergonomics
- ULPA filters operate at a typical efficiency of >99.999% at 0.1 to 0.3 micron sizes, providing superior product protection over conventional HEPA filters



DESCRIPTION	CAT. NO.	PRICE	SPECIAL
3ft Airstream Vertical Laminar Flow Clean Bench	ESC-AVC-3D2	\$4,199.00	\$3,359.20
4ft Airstream Vertical Laminar Flow Clean Bench	ESC-AVC-4D2	4,201.00	3,360.80
5ft Airstream Vertical Laminar Flow Clean Bench	ESC-AVC-5D2	5,104.00	4,083.20
6ft Airstream Vertical Laminar Flow Clean Bench	ESC-AVC-6D2	6,202.00	4,961.60

Heraeus® HERAcell® i Series CO₂ Incubators

Surround your valuable cultures with an environment you can trust

- NEW: iCAN (Interactive Control Access Navigator) Touchscreen simplifies operation and enables rapid access of important information for each critical parameter in the incubator
- ContraCon 90°C moist heat decontamination technology is proven for simple and worry-free cleaning and operation
- Direct humidification offers the fastest humidity recovery times and provides optimal growth conditions for cultures
- Auto-zero self-calibration for long-term stability and more constant pH
- Water-level alarm, 1 – 2 days before the water reservoir runs dry



HERAcell® 240i



Specifications

Total volume	150 or 240L
Decontamination	90°C/9h
Temp. range	ambient +3°C to 55°C
CO ₂ range	0 – 20%
Humidity	≥95% rH

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