

## Tissue Culture Dishes

- Uniformly molded plastic bottoms provide a distortion-free surface for consistent cell attachment
- Lids contain molded spacers to provide consistent gas exchange and stacking rings that add stability for handling
- Dishes with gripping ring also include numerical quadrant markings



DESCRIPTION	WORKING VOL.	CELL GROWTH AREA	QTY	CAT. NO.	SPECIAL
100mm Dishes with Gripping Ring	15 – 16mL	60.5cm <sup>2</sup>	Case of 300 (10 per bag)	CSP-229620	<b>\$104.80</b>
35mm Dishes	5mL	8.5cm <sup>2</sup>	Case of 600	CSP-229635	<b>93.60</b>
70mm Dishes	7 – 8mL	36.3cm <sup>2</sup>	Case of 500	CSP-229670	<b>118.40</b>
90mm Dishes	15 – 16mL	55cm <sup>2</sup>	Case of 500	CSP-229690	<b>170.40</b>
150mm Dishes	25 – 28mL	143cm <sup>2</sup>	Case of 60 (1 per bag)	CSP-229650	<b>69.60</b>
150mm Dishes	25 – 28mL	143cm <sup>2</sup>	Case of 100 (5 per bag)	CSP-229651	<b>104.80</b>

## Tissue Culture Plates

All plates are packaged in paper/plastic peel pouches that are designed to keep the plates in pristine condition during transit.

- Available in 6, 12, 24, 48 and 96-well configurations
- Each well is labeled with large alphanumeric markings for easy identification
- Each well has raised rim which nests into the rings on the single direction lid to reduce evaporation and contamination



DESCRIPTION	CELL GROWTH AREA/WELL	QTY	CAT. NO.	SPECIAL
6-well Plate	9.6cm <sup>2</sup>	Case of 100	CSP-229106	<b>\$105.60</b>
12-well Plate	3.85cm <sup>2</sup>	Case of 100	CSP-229112	<b>107.20</b>
24-well Plate	1.93cm <sup>2</sup>	Case of 100	CSP-229124	<b>105.60</b>
48-well Plate	0.84cm <sup>2</sup>	Case of 100	CSP-229148	<b>109.60</b>
96-well Plate	0.33cm <sup>2</sup>	Case of 100	CSP-229196	<b>116.00</b>

## 15 & 50mL Flip Top Centrifuge Tubes



- One-hand opening of caps, preventing loss of separate cap
- Temperature range of -80°C to 120°C
- Gamma irradiated sterilized, RNase-free, DNase-free and non-pyrogenic
- Max. force 9,400xg

DESCRIPTION	PACKAGING	QTY	CAT. NO.	SPECIAL
15mL Tubes	Racked	500	CSP-229416	<b>\$107.20</b>
15mL Tubes	Bulk Bag	500	CSP-229417	<b>101.60</b>
50mL Tubes	Racked	500	CSP-229426	<b>127.20</b>
50mL Tubes	Bulk Bad	500	CSP-229427	<b>121.60</b>

## Filter Systems

Ideal for large volume sample separation and purification

- Polystyrene bottle and funnel
- Filter membrane is Polyethersulfone (PES) with pore sizes of 0.22µm or 0.45µm
- Available in 150mL, 250mL and 500mL sizes
- Rapid flow rate and low protein binding
- Filter diameter is 50mm
- Case of 12



DESCRIPTION	WORKING VOLUME	CAT. NO.	SPECIAL
Filter System PES, 0.45µm	150mL	CSP-229701	<b>\$53.60</b>
Filter System PES, 0.45µm	250mL	CSP-229702	<b>63.20</b>
Filter System PES, 0.45µm	500mL	CSP-229703	<b>78.40</b>
Filter System PES, 0.22µm	150mL	CSP-229705	<b>55.20</b>
Filter System PES, 0.22µm	250mL	CSP-229706	<b>64.00</b>
Filter System PES, 0.22µm	500mL	CSP-229707	<b>80.00</b>

## Serological Pipettes

CELLTREAT™ disposable pipettes are manufactured from optically clear polystyrene and are gamma irradiation sterilized, RNase-free, DNase-free, DNA-free and non-pyrogenic.



- Individually wrapped or bulk packaged in sterile, easy to open packaging
- 1mL, 2mL and 5mL pipettes are one piece construction
- 10mL and 25mL pipettes are durable, ultrasonically welded three-piece construction
- Include an end plug to help prevent contamination

DESCRIPTION	GRADUATIONS	COLOUR CODE	QTY	CAT. NO.	SPECIAL
1mL individually wrapped	1/100mL	Yellow	Case of 800	CSP-229201	<b>\$101.60</b>
2mL individually wrapped	1/50mL	Green	Case of 600	CSP-229202	<b>94.40</b>
5mL individually wrapped	1/10mL	Blue	Case of 200	CSP-229205	<b>28.00</b>
10mL individually wrapped	1/10mL	Orange	Case of 200	CSP-229210	<b>29.50</b>
25mL individually wrapped	2/10mL	Red	Case of 200	CSP-229225	<b>77.60</b>

## Tissue Culture Flasks

The tissue culture surface treatment used for CELLTREAT™ products creates a negatively charged hydrophilic surface ideal for consistent cell attachment.



- Growth surfaces are flat and free from striation to maximize growth area and transparency
- Available in 4 sizes: 12.5cm², 25cm², 75cm² and 182cm²
- Plug seal caps provide a closed system or allow gas exchange with a one quarter cap turn
- Vent caps contain a 0.22µm hydrophobic membrane filter to allow gas exchange and minimize contamination

DESCRIPTION	CAP STYLE	FLASK VOLUME	QTY	CAT. NO.	SPECIAL
12.5cm² Flask	Vent	25mL	Case of 200	CSP-229321	<b>\$108.00</b>
25cm² Flask	Vent	50mL	Case of 200	CSP-229331	<b>112.00</b>
75cm² Flask	Vent	250mL	Case of 100	CSP-229341	<b>104.00</b>
182cm² Flask	Vent	600mL	Case of 40	CSP-229351	<b>88.80</b>
12.5cm² Flask	Plug Seal	25mL	Case of 200	CSP-229320	<b>102.40</b>
25cm² Flask	Plug Seal	50mL	Case of 200	CSP-229330	<b>105.60</b>
75cm² Flask	Plug Seal	250mL	Case of 100	CSP-229340	<b>98.40</b>
182cm² Flask	Plug Seal	600mL	Case of 40	CSP-229350	<b>85.60</b>

## Syringe Filters

PES: Polyethersulfone  
MCE: Mixed cellulose esters

DESCRIPTION	PORE SIZE	DIAMETER	QTY	CAT. NO.	SPECIAL
PES Membrane	0.22µm	13mm	75	CSP-229746	<b>\$38.40</b>
PES Membrane	0.22µm	30mm	30	CSP-229747	<b>32.00</b>
PES Membrane	0.45µm	13mm	75	CSP-229748	<b>38.40</b>
PES Membrane	0.45µm	30mm	30	CSP-229749	<b>32.00</b>
MCE Membrane	0.22µm	13mm	75	CSP-229750	<b>38.40</b>
MCE Membrane	0.22µm	30mm	30	CSP-229751	<b>32.00</b>
MCE Membrane	0.45µm	13mm	75	CSP-229752	<b>38.40</b>
MCE Membrane	0.45µm	30mm	30	CSP-229753	<b>32.00</b>



- Variety of membrane types, porosities and diameters
- Luer-lock connections with ABS housings
- Filters are heat-sealed in housings – no glues or sealants
- Sterile gamma-irradiated

## 15 & 50mL Centrifuge Tubes

- Graduations are printed in bold, easy-to-read black and accurate to ± 2%
- Extended cap design facilitates one hand removal and prevents contamination
- Maximum RCF is 9,400xg for conical bottom and 6,000xg for self-standing
- Temperature range is -80°C to 120°C
- Available in recyclable racks or bulk packaged in sterile resealable bags

DESCRIPTION	PACKAGING	QTY	CAT. NO.	SPECIAL
Centrifuge Tube 15mL	Paper rack	Case of 500	CSP-229410	<b>\$80.00</b>
Centrifuge Tube 15mL	Re-sealable bag	Case of 500	CSP-229411	<b>75.20</b>
Centrifuge Tube 15mL	Foam rack	Case of 300	CSP-229412	<b>50.40</b>
Centrifuge Tube 50mL	Paper rack	Case of 500	CSP-229420	<b>91.20</b>
Centrifuge Tube 50mL	Re-sealable bag	Case of 500	CSP-229421	<b>82.40</b>
Centrifuge Tube 50mL, self-standing	Re-sealable bag	Case of 500	CSP-229430	<b>100.00</b>
Centrifuge Tube 50mL	Foam rack	Case of 300	CSP-229422	<b>55.20</b>





Liquid Handling Stand



VACUBOY Hand Controller

## VACUSAFE comfort

### Vacuum-controlled aspiration system

- Adjustable aspiration strength – perfect for delicate cells
- Ideal tool for aspiration, disposal and filtration of hazardous liquids
- NEW Liquid Handling Stand integrates the PIPETBOY and the VACUBOY into a complete liquid handling station
- Silent operation
- Eliminates contamination of the laboratory vacuum system
- Compact size (L x W x H): 255 x 180 x 150mm, without bottle
- All parts in contact with fluids are autoclavable



## INTEGRA

DESCRIPTION	CAT. NO.	PRICE	SPECIAL
VACUSAFE <i>comfort</i> compact pump station. Includes VACUBOY, 4L polypropylene bottle and lid with quick couplings level detection	TM-158310	\$1,941.00	<b>\$1,699.00</b>
VACUSAFE <i>comfort</i> compact pump station. Includes VACUBOY, 4L polypropylene bottle and lid with barbed tube fittings	TM-158320	1,470.00	<b>1,299.00</b>
VACUSAFE <i>comfort</i> compact pump station. Includes VACUBOY, 3L glass bottle and lid with quick couplings level detection	TM-158300	2,117.00	<b>1,899.00</b>
VACUBOY hand controller set. Includes stand, rubber adapter for Pasteur pipettes, 1- and 8-channel stainless steel aspiration adapters for 40mm, 1-channel plastic aspiration adapter for disposable tips, and 1- and 8-channel plastic aspiration adapters for disposal tips with ejector	TM-155500	245.00	–
VACUBOY hand controller. Includes stand, adapter for Pasteur pipettes, and 1-channel stainless steel aspiration adapter 40mm	TM-155510	181.00	–
Stand for VACUBOY	TM-155501	98.00	–
Adapter for 8-channel pipette tips with ejector	TM-155520	113.00	–
Adapter for single-channel pipette tip with ejector	TM-155526	23.00	–
<b>NEW</b> Liquid Handling Stand for PIPETBOY and VACUBOY	TM-155065	77.00	–

## DOSE IT Peristaltic Pump

### Dispensing made easy

DOSE IT P910 is a programmable peristaltic pump designed to make the dispensing of culture media, buffers and other solutions easy and efficient.



- Ideal for labs where several different dispensing protocols are frequently used
- Differently sized tubing (from 1 to 8mm) allows the dispensing of a broad range of volumes with a high degree of accuracy
- Twenty different protocols can be saved and recalled by simply pressing a button
- Flow rate: 0.6mL/min. to 5L/min.
- Dose volume: 0.1 mL to 9,999mL

DESCRIPTION	CAT. NO.	PRICE	SPECIAL
DOSE IT P910 programmable peristaltic pump incl. silicone tubing (4mm inner diameter), dispensing tube, aspiration tubes (10cm and 35cm), tube collar	TM-171000	\$3,395.00	<b>\$2,999.00</b>
Foot Switch	TM-143200	74.00	–
Retort rod for clamp fixing	TM-171085	78.00	–
Extension pump head for double pumphead assembly	TM-171090	736.00	–
Tubing set for double pump head (8mm ID)	TM-171088	114.00	–



# PIPETBOY pro

Enlightened pipetting

# INTEGRA

# PIPETBOY acu

Continuously adjustable speed



- Accurate and fast filling of all pipette types
- Illumination of work area
- Available in 5 colours

Pipetting and dispensing is easy and convenient with the battery-powered PIPETBOY acu – a proven manual pipettor, available in 6 colours.

- Two dosing knobs enable fine dosing
- Continuously adjustable aspiration speed
- Battery indicator: always lets you know when to charge – can be used while charging



DESCRIPTION	CAT. NO.	PRICE	SPECIAL
PIPETBOY pro*	TM-15640X	\$398.00	<b>\$339.00</b>

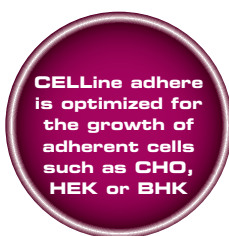
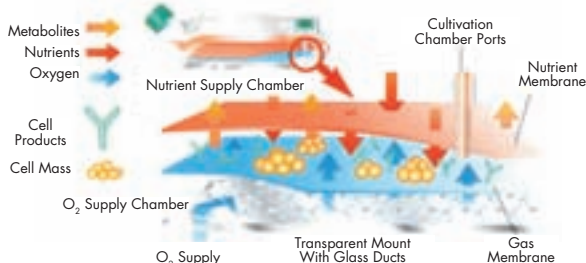
\* Includes sterile filter, battery, wall mount and wall power supply  
To specify colour, please replace "X" with the appropriate number at the end of the Cat. No. 0=white, 1=pink, 2=green, 3=orange, 4=blue

DESCRIPTION	CAT. NO.	PRICE	SPECIAL
PIPETBOY acu*	TM-1550XX	\$398.00	<b>\$339.00</b>

\* Includes sterile filter, battery, wall mount and wall power supply  
To specify colour, please replace "XX" with the appropriate numbers at the end of the Cat. No. 00=grey, 15=green, 16=red, 17=blue, 18=clear, 19=purple

# CELLine & CELLine adhere

Two-compartment bioreactors



Advanced cell culture technology for monoclonal antibody production, primary cell culture or stem cell expansion

- 90% less material, 80% less serum
- Increased yield
- Cell densities as high as  $1 \times 10^9$  with 50 – 100X higher mAb concentration
- 10kDa semi-permeable, cellulose membrane separates the media and cell compartments
- Continuous diffusion of nutrients into cell compartment with concurrent removal of waste products



DESCRIPTION	CAT. NO.	PRICE	SPECIAL
CELLine CL-1000 for suspension cells, 1000mL media volume, 15mL culture volume, 3/pkg.	WWM-90005	\$776.00	<b>\$659.60</b>
CELLine CL-1000 for suspension cells, 1000mL media volume, 15mL culture volume, each	WWM-90005/1	269.00	<b>228.65</b>
CELLine CL-350 for suspension cells, 350mL media volume, 5mL culture volume, 5/pkg.	WWM-90010	1,036.00	<b>880.60</b>
CELLine CL-350 for suspension cells, 350mL media volume, 5mL culture volume, each	WWM-90010/1	214.00	<b>181.90</b>
CELLine adhere AD-1000 with matrix inlay for anchorage-dependent cells, 1000mL media volume, 15mL culture volume, 3/pkg.	WWM-90025	799.00	<b>679.15</b>
CELLine adhere AD-1000 with matrix inlay for anchorage-dependent cells, 1000mL media volume, 15mL culture volume, each	WWM-90025/1	277.00	<b>235.45</b>

# NucleoCounter® NC-3000™

Revolutionary instrument for advanced cell analyses



### Applications:

- Cell Cycle
- DNA Fragmentation
- GFP Transfection Efficiency
- Mitochondrial Potential
- Vitality
- Viability and Cell Count

- True plug and play: ready-to-use straight out of the box
- Intuitive software: sophisticated cellular analyses with just 3 easy clicks
- Choose between a wide variety of predefined assays
- Image analysis, calculations and data reporting are performed automatically - ensures superior and standardized results every time!
- No maintenance, no service, no calibration



Please contact Mandel at 1-888-883-3636 or email [quotes@mandel.ca](mailto:quotes@mandel.ca) for pricing and a quote

## MediaJet Automated Petri Dish Filler

540 agar plates at the touch of a button!



Plug'n'Plate – 540 agar plates at the touch of a button.

- Highest capacity in minimal space
- Easy graphical user interface
- Reliable walk-away automation
- Eliminates sources of contamination
- Agar Spread Function minimizes agar level in the Petri dish and thereby allows a significant reduction in media costs
- Process documentation and validation

## INTEGRA

## MediaClave Media Sterilizer

- Rapid and gentle sterilization of 1 – 30L of culture medium
- Precise control and monitoring of temperature, time and pressure guarantee high quality
- Intuitive graphical interface
- Simple programming



## Flash & Grow Automated Colony Counter

- Detect and count colonies of approx.  $\frac{1}{450}$  inch (0.07mm)
- Designed to offer full compliance with FDA 21 CFR Part 11
- Patented illumination enables processing of any media type including transparent/opaque agar
- Counts Pour, Spread and Spiral plates, Filters & 3M Petrifilm
- Add or eliminate colonies with one click on the screen



## NucleoCounter® NC-100™

For total counting of mammalian cells and viability

- Compact and easy to use
- 30 second analysis time
- Calibration-free

