

CoolCell Advantage



CoolCell	Alcohol-Filled Container
No alcohol <ul style="list-style-type: none"> •No hazardous fluids •Solid core and insulation design •No pre-cooling required 	Requires 250ml alcohol <ul style="list-style-type: none"> •Replace alcohol every 5 uses (250ml) •Keep track of # of uses •Alcohol degrades slightly each time it's used •Pre-cool alcohol in refrigerator
No variability <ul style="list-style-type: none"> •All vials have uniform freeze rate <i>every time</i> •Radially symmetric design enables consistency run to run 	Inconsistent freeze rate <ul style="list-style-type: none"> •Each run is slightly different due to alcohol degradation •Two circles of wells – different freeze rates for each circle
No on-going cost <ul style="list-style-type: none"> •No alcohol to continuously purchase & dispose •<i>Once you buy it, you're done paying for it!!</i> 	~\$338/year maintenance per unit <ul style="list-style-type: none"> •Change alcohol weekly (~\$6/wk) •Dispose haz waste (~\$0.75/wk) •10 units = \$3,380 maintenance cost EVERY YEAR
No stuck lids <ul style="list-style-type: none"> •Cap comes off easily when frozen •Not cold to the touch when removing from the -80C freezer 	Screw cap very difficult to remove when frozen <ul style="list-style-type: none"> •Protective glove required when handling frozen unit
Better cell viability <ul style="list-style-type: none"> •See graph on website 	Good cell viability
Ready to use again in 5 minutes	Takes >1 hour for device to return to room temp for re-use
Low impact on freezer <ul style="list-style-type: none"> •1/3 the heat impact on freezer compared to alcohol-filled units 	Large thermal mass impacts local freezer area <ul style="list-style-type: none"> •Large heat capacity removed from alcohol impacts nearby samples
•BioCision part #: BCS-136	

Cleaner. Greener. Easier to Use.

www.biocision.com

Copyright 2010 BioCision, LLC. All rights reserved.