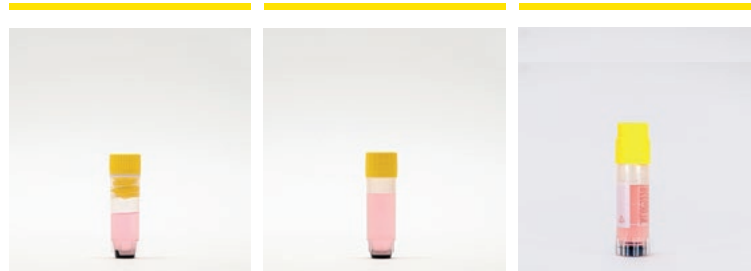


Please contact Rob Osborn at
508.395.8161 or ROsborn@autogen.com
to learn more.

AlteTube™

Screw cap tubes in 48 SBS rack or large rack format



**1.2ml
Screw cap**

**1.2ml
Screw cap**

**1.8ml
Screw cap**

	1.2ml Screw cap	1.2ml Screw cap	1.8ml Screw cap
Thread type	Internal	External	External
Max working volume - ml	1.2	1.2	1.5
Min storage temperature - °C	-196	-196	-196
Tube height - mm	40	41	39.95
Tube height with cap - mm	49.4	42.9	47.2
Inner tube diameter - mm	10.8	9.62	9.48
Outer diameter with cap - mm	12.3	12.3	12.6
Tube centre to centre - mm	13.5	13.5	n/a
Identification	2D DataMatrix barcode on base		2D DataMatrix barcode on base, 1D barcode and human readable code on side
2D DataMatrix barcode	White on black, 3mm x 3mm, 2 alpha prefix (AL) & 8 numeric Custom prefix available / Black on white available		
Capping options	Screw caps		
Sterility options	AlteClean™/Sterile (E-Beam)/ Ethylene Oxide (EtO) on request		
Rack format	8 x 12 - SBS (48 tubes) / 9 x 9 (81 tubes)		9 x 9 (81 (tubes) / 10 x 10 (100 tubes)
Rack material	Polycarbonate with polypropylene lid		
SBS Rack height with lid - mm	47.6	47.6	52
Large format rack height with lid - mm	52	52	52.4
Case quantity	Bulk tubes, precapped – 480/case Racked tubes, precapped – 48/rack, 10 racks/case Empty SBS 48 racks – 10 racks/case Empty large format racks (9x9) – 1 rack/case		Bulk tubes, precapped – 50/bag, 10 bags/case Empty large format racks (10x10) - 1 rack/case

Warning : Caps should not be immersed in Liquid Nitrogen. AlteTubes should be stored in gas phase Liquid Nitrogen (GPLN) only. For research use only.