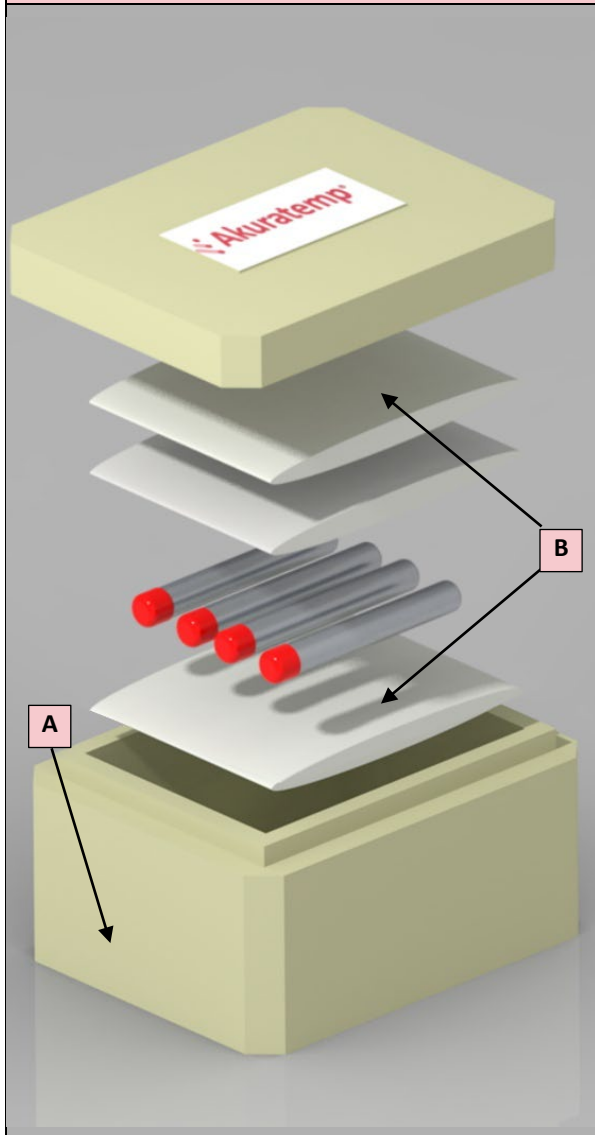


Frozen Universal 4x10ml Vial Blood Specimen Shipper

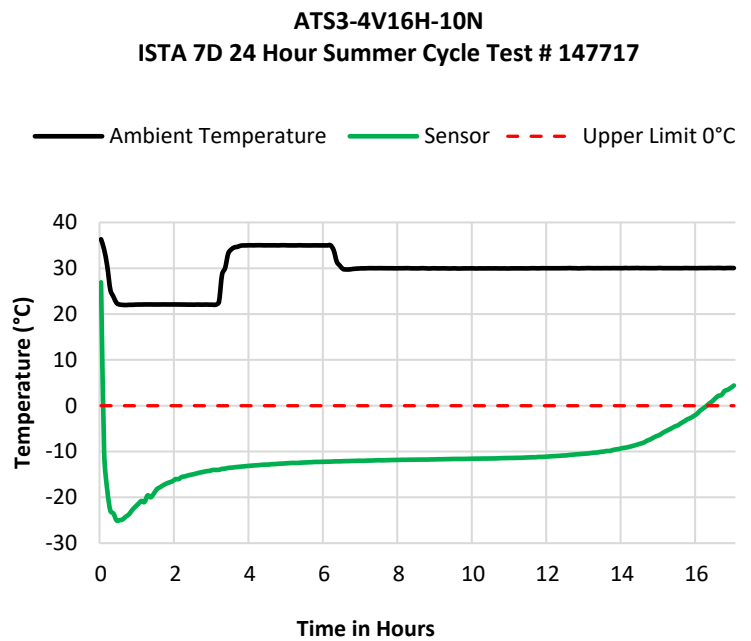
Model Number: ATS3-4V16H-10N

Description: Multi-use blood specimen shipper for 4x10ml vials with 8" x 6.375" x 4.5" external dimensions. Validated per ISTA 7D testing to keep payload frozen below 0°C for 16 hours in Summer.

Exploded View



Temperature Graph per ISTA 7D



Holdover Time per ISTA 7D

Test	Payload Temperature	Holdover Time
Summer Cycle	Below 0°C	16 hours
Winter Cycle	-	-

Product Specifications

External Dimensions	8" x 6.375" x 4.5"	Payload Capacity	4 x 10mL vials
Actual Weight	1.75 lbs	Dimensional Weight	3 lbs
Case Qty	24	Pallet Qty	400
Estimated Number of Uses		12	

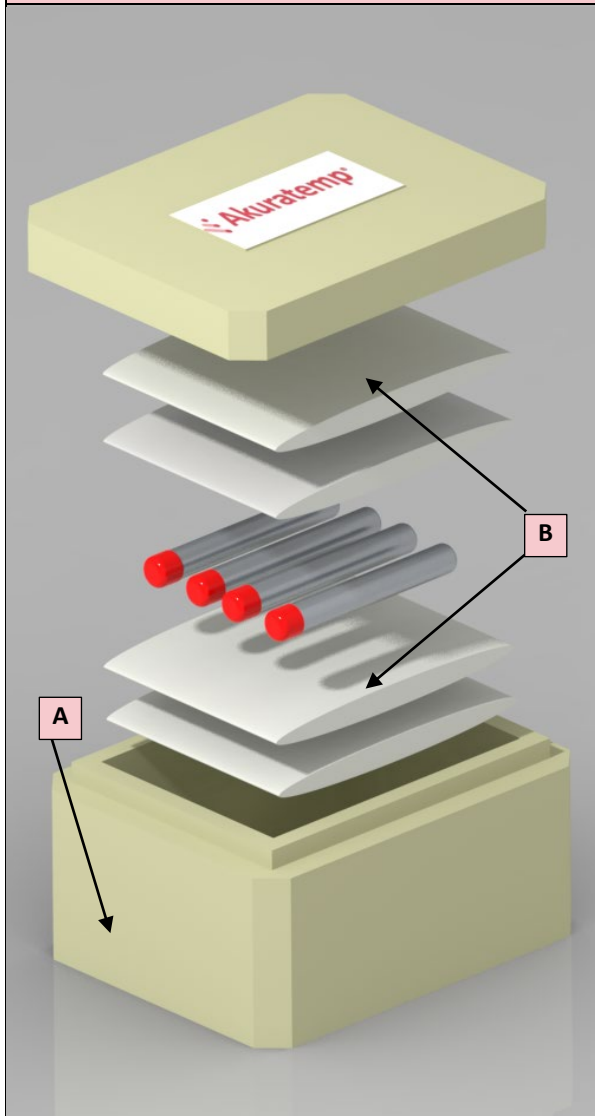
#	Bill of Materials		Weight	Qty	Conditioning Instructions
A	ML07080604	PUF Shipper	0.375 lbs	1	Store at room temperature of +20°C to +25°C for at least 24 hours prior to use. Condition flat in a freezer operating at -15°C or below for at least 48 hours prior to use. For best results, insert Packs in provided Conditioning Box before placing flat in freezer.
B	HS10N-5X6-200V	PCM Freezer Pack	0.45 lbs	3	
C	108325	Conditioning Box	NA	1	

Ambient Universal 4x10ml Vial Blood Specimen Shipper

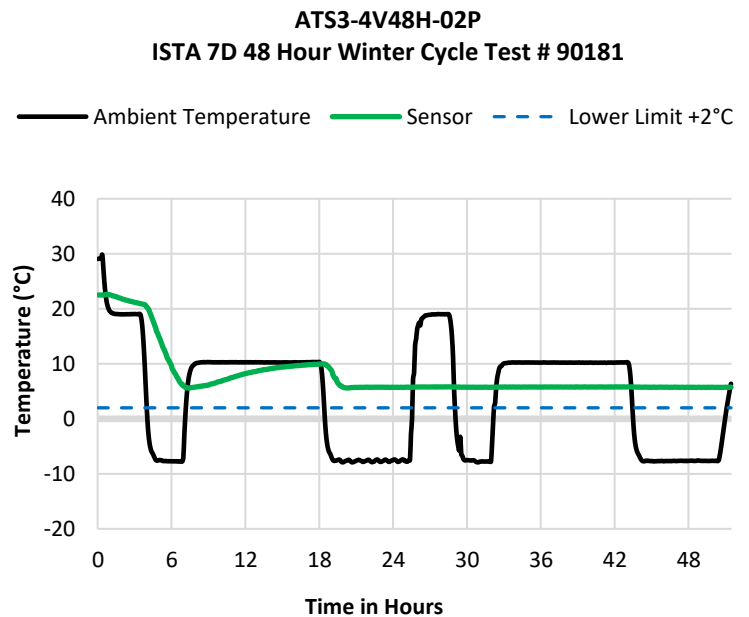
Model Number: ATS3-4V48H-02P

Description: Multi-use blood specimen shipper for 4x10ml vials with 8" x 6.375" x 4.5" external dimensions. Validated per ISTA 7D testing to keep payload above +2°C for over 48 hours in Winter.

Exploded View



Temperature Graph per ISTA 7D



Holdover Time per ISTA 7D

Test	Payload Temperature	Holdover Time
Summer Cycle	-	-
Winter Cycle	Above +2°C	48+ hours

Product Specifications

External Dimensions		8" x 6.375" x 4.5"		Payload Capacity		4 x 10mL vials	
Actual Weight			1.55 lbs		Dimensional Weight		3 lbs
Case Qty	24	Pallet Qty	400	Estimated Number of Uses		12	

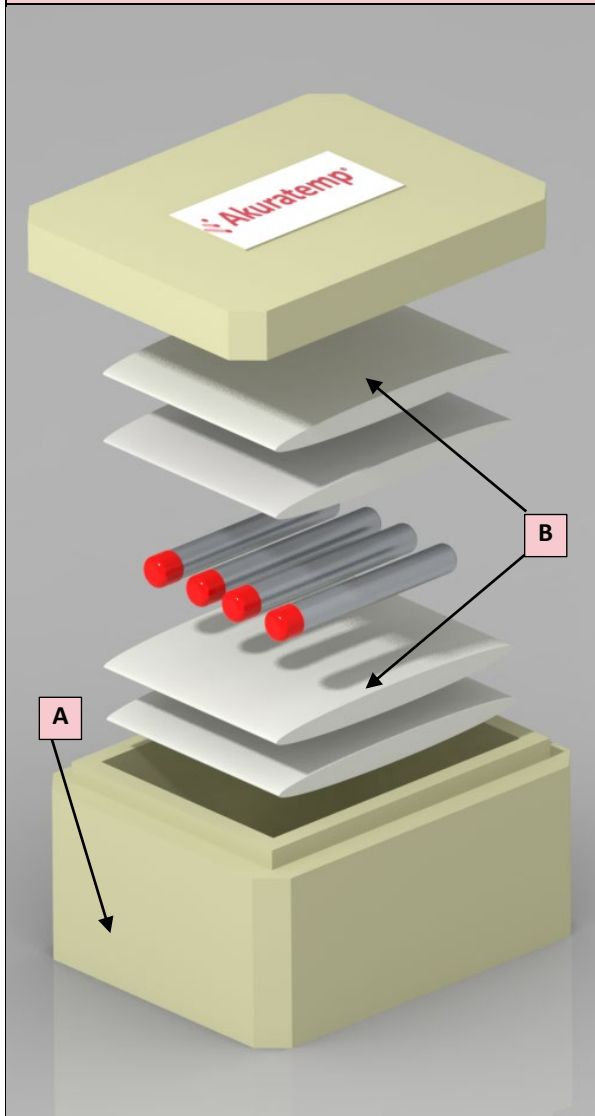
#	Bill of Materials		Weight	Qty	Conditioning Instructions
A	ML07080604	PUF Shipper	0.375 lbs	1	Store at room temperature of +20°C to +25°C for at least 24 hours prior to use.
B	OM05P-5X6-125V	PCM Cool Pack	0.285 lbs	4	Condition at room temperature of +20°C to +25°C for at least 24 hours prior to use.

Refrigerated Universal 4x10ml Vial Blood Specimen Shipper

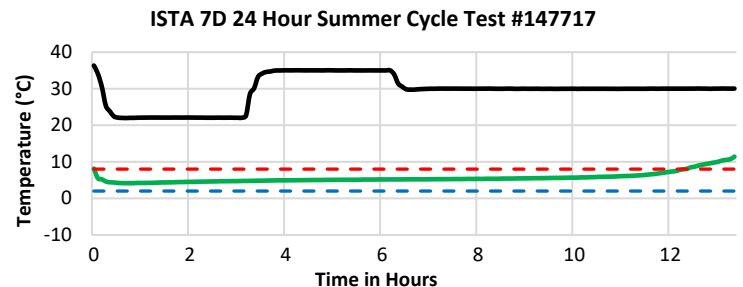
Model Number: ATS3-4V12H-08P

Description: Multi-use blood specimen shipper for 4x10ml vials with 8" x 6.375" x 4.5" external dimensions. Validated per ISTA 7D testing to keep payload below +8°C for 12 hours in Summer and above +2°C for 48 hours in Winter.

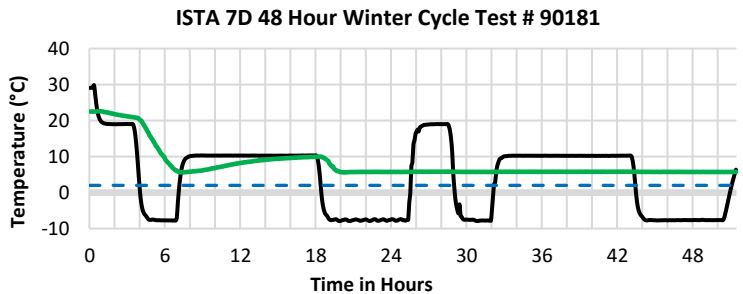
Exploded View



Temperature Graph per ISTA 7D



— Ambient Temperature — Sensor
- - - Lower Limit +2°C - - - Upper Limit +8°C



Holdover Time per ISTA 7D

Test	Payload Temperature	Holdover Time
Summer Cycle	+2°C to +8°C	13 hours
Winter Cycle	Above +2°C	48+ hours

Product Specifications

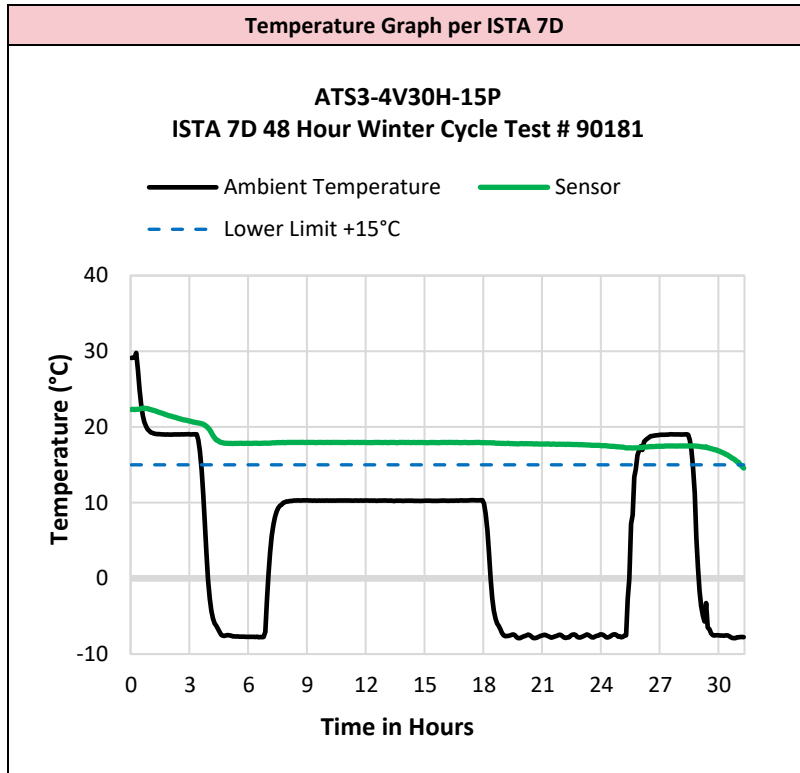
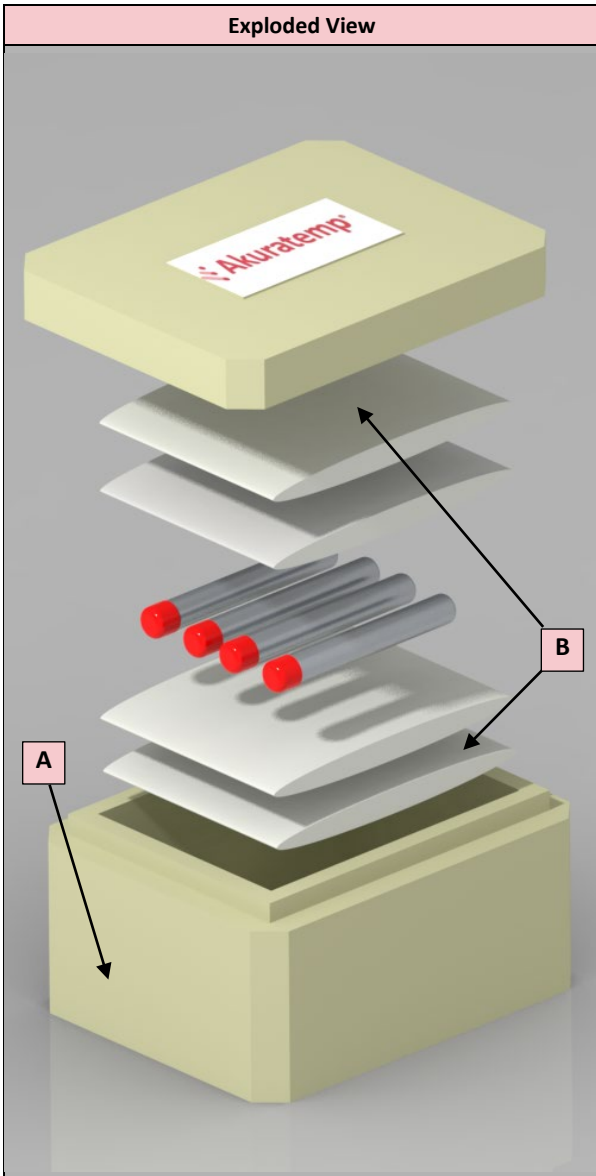
External Dimensions		8" x 6.375" x 4.5"	Payload Capacity		4 x 10mL vials
Actual Weight		1.55 lbs	Dimensional Weight		3 lbs
Case Qty	24	Pallet Qty	400	Estimated Number of Uses	
				12	

#	Bill of Materials		Weight	Qty	Conditioning Instructions
A	ML07080604	PUF Shipper	0.375 lbs	1	Store at room temperature of +20°C to +25°C for at least 24 hours prior to use.
B	OM05P-5X6-125V	PCM Cool Pack	0.285 lbs	4	Condition in a freezer at -15°C or below for 24 hours. Then store in a refrigerator operating at +2°C to +5°C for at least 24 hours prior to use. For best results, insert Packs in provided Conditioning Box before placing flat in freezer.
C	108325	Conditioning Box	NA	1	

CRT Winter 4x10ml Vial Blood Specimen Shipper

Model Number: ATS3-4V30H-15P

Description: Multi-use blood specimen shipper for 4x10ml vials with 8" x 6.375" x 4.5" external dimensions. Validated per ISTA 7D testing to keep payload above +15°C for 30 hours in Winter.



Holdover Time per ISTA 7D		
Test	Payload Temperature	Holdover Time
Summer Cycle	-	-
Winter Cycle	Above +15°C	31 hours

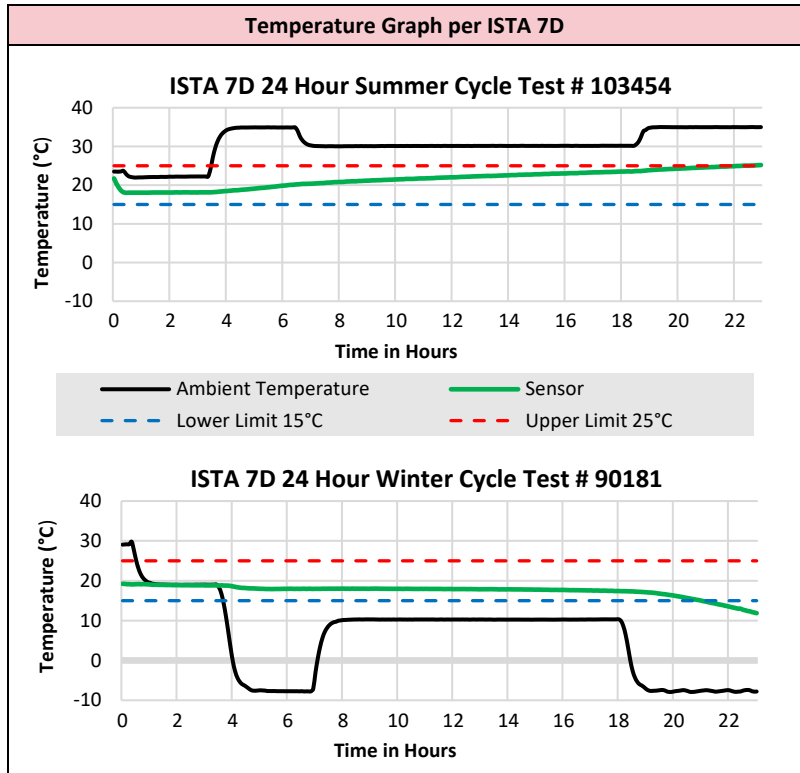
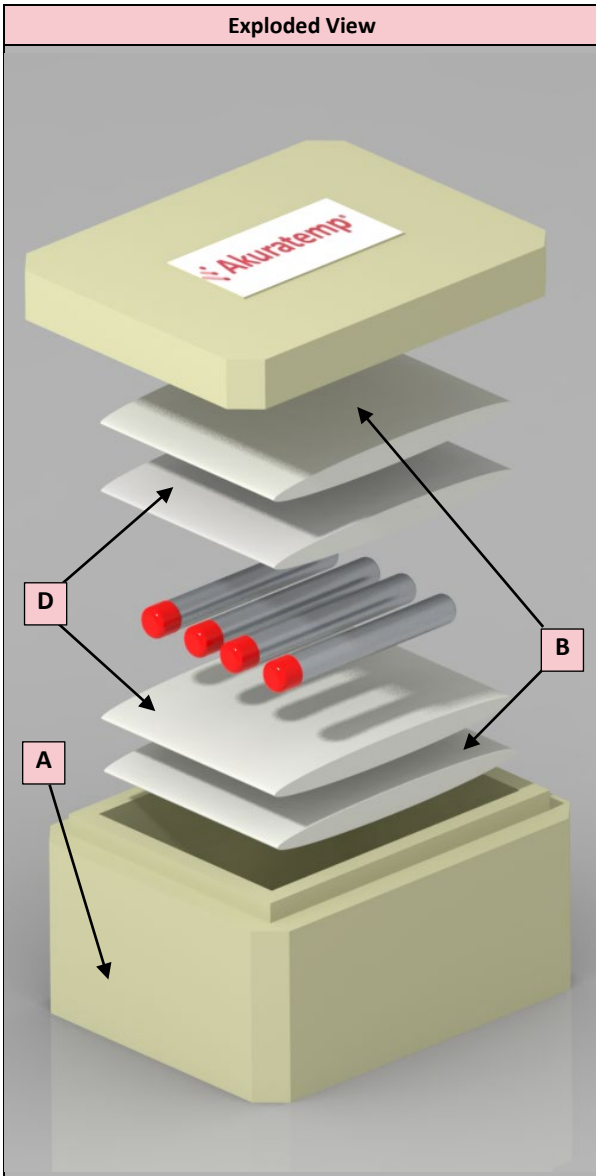
Product Specifications			
External Dimensions	8" x 6.375" x 4.5"	Payload Capacity	4 x 10mL vials
Actual Weight	1.55 lbs	Dimensional Weight	3 lbs
Case Qty	24	Pallet Qty	400
Estimated Number of Uses			12

#	Bill of Materials		Weight	Qty	Conditioning Instructions
A	ML07080604	PUF Shipper	0.375 lbs	1	Store at room temperature of +20°C to +25°C for at least 24 hours prior to use.
B	OM18P-5X6-125V	PCM CRT Pack	0.285 lbs	4	Condition at room temperature of +20°C to +25°C for at least 24 hours prior to use.

CRT Winter 4x10ml Vial Blood Specimen Shipper

Model Number: ATS3-4V20H-25P

Description: Multi-use blood specimen shipper for 4x10ml vials with 8" x 6.375" x 4.5" external dimensions. Validated per ISTA 7D testing to keep payload in CRT range of +15°C to +25°C for 20 hours in Summer and Winter.



Holdover Time per ISTA 7D		
Test	Payload Temperature	Holdover Time
Summer Cycle	Below +25°C	22 hours
Winter Cycle	Above +15°C	21 hours

Product Specifications							
External Dimensions		8" x 6.375" x 4.5"		Payload Capacity		4 x 10mL vials	
Actual Weight			1.55 lbs		Dimensional Weight		3 lbs
Case Qty	24	Pallet Qty	400	Estimated Number of Uses		12	

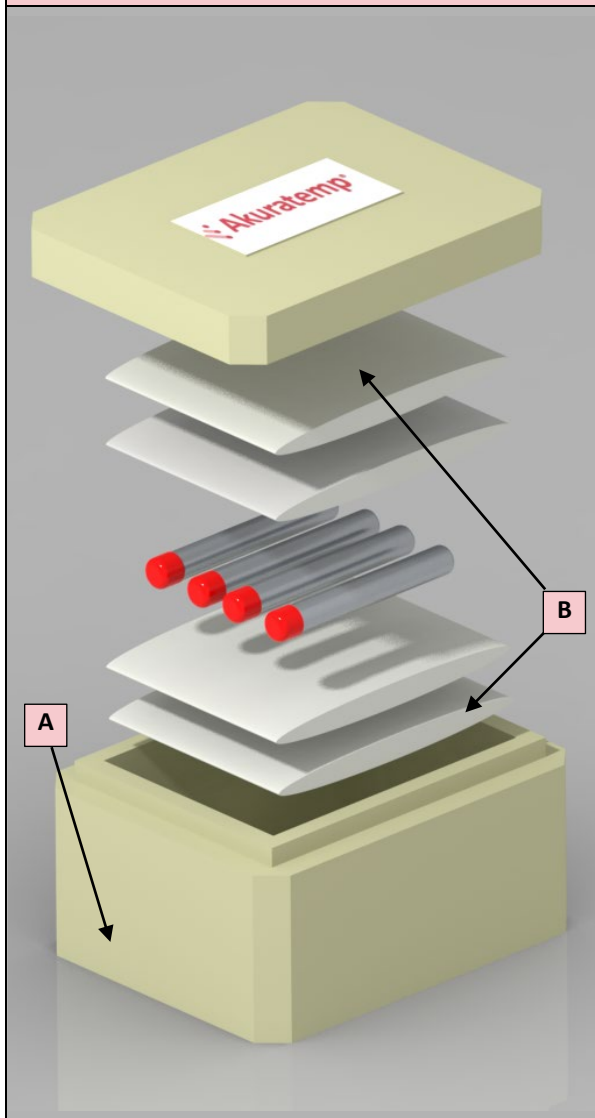
#	Bill of Materials		Weight	Qty	Conditioning Instructions
A	ML07080604	PUF Shipper	0.375 lbs	1	Store at room temperature of +20°C to +25°C for at least 24 hours prior to use. Condition in refrigerator at +2°C to +8°C for at least 24 hours prior to use. For best results, insert Packs in provided Conditioning Box before placing flat in refrigerator.
B	HS22P-5X6-300V	PCM Ambient Pack	0.685 lbs	2	
C	108325	Conditioning Box	NA	1	
D	OM18P-5X6-125V	PCM CRT Pack	0.285 lbs	2	Condition at room temperature of +20°C to +25°C for at least 24 hours prior to use.

Incubation Universal 4x10ml Vial Blood Specimen Shipper

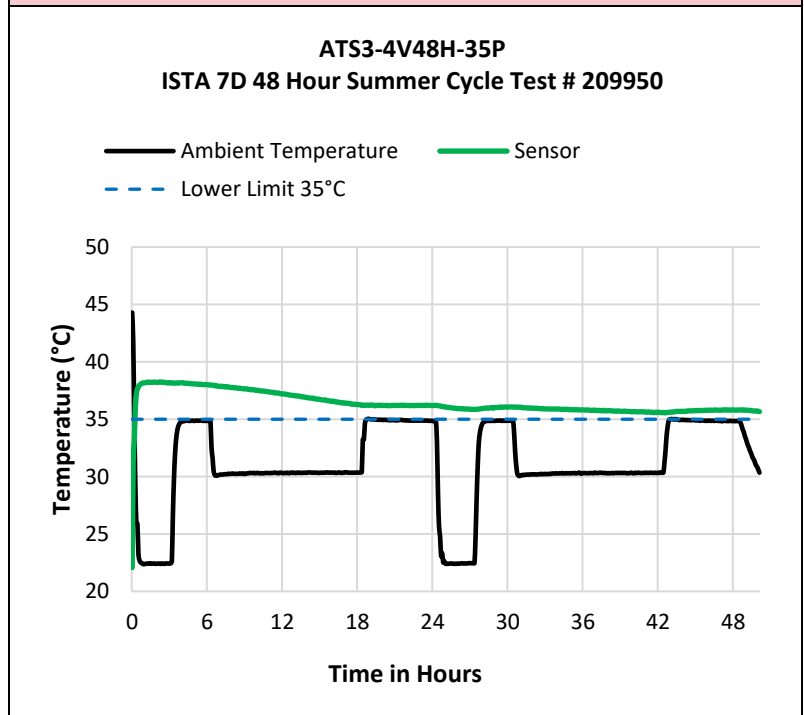
Model Number: ATS3-4V48H-35P

Description: Multi-use blood specimen shipper for 4x10ml vials with 8" x 6.375" x 4.5" external dimensions. Validated per ISTA 7D testing to keep payload above +35°C for 48 hours in Summer.

Exploded View



Temperature Graph per ISTA 7D



Holdover Time per ISTA 7D

Test	Payload Temperature	Holdover Time
Summer Cycle	Above +35°C	48 hours
Winter Cycle	-	-

Product Specifications

External Dimensions	8" x 6.375" x 4.5"	Payload Capacity	4 x 10mL vials
Actual Weight	1.9 lbs	Dimensional Weight	3 lbs
Case Qty	24	Pallet Qty	400
Estimated Number of Uses		12	

#	Bill of Materials		Weight	Qty	Conditioning Instructions
A	ML07080604	PUF Shipper	0.375 lbs	1	Store at room temperature of +20°C to +25°C for at least 24 hours prior to use.
B	OM37P-5X6-150	PCM Incubation Pack	0.35 lbs	4	Condition at heated temperature of +40°C for at least 48 hours prior to use.