



Product picture shows an exemplary solution for the temperature range +2 °C to +8 °C

DESCRIPTION

Ensure patient-safe medicines and accurate clinical trial results with ProofPak. Our innovative, reusable thermal packaging ensures precise temperature control from -70°C to +37°C, unaffected by seasons or climate. Qualified according to ISTA 7D standards, ProofPak ensures consistent reliability, safeguarding your temperature-sensitive pharmaceuticals from production through to delivery. Experience seamless logistics with 'ready to load & go', giving you time to focus on advancing your clinical research while we protect your products with unmatched precision and reliability.

For +15 °C to +25 °C shipments

DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
470 x 455 x 355	18.5 x 17.9 x 14	300 x 300 x 200	11.8 x 11.8 x 7.9	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
19.2 ± 1	42.3 ± 2.2	18

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36363 +22G	2	355 x 355 x 30	14 x 14 x 1.2	2.5	5.5	AK000105
36263 +22G	4	355 x 255 x 32	14 x 10 x 1.3	1.9	4.2	AK000003

²dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE

The ProofPak 23 Premium +22G is qualified in the temperature range from +15 °C to +25 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	> 144	> 1440	+30
ISTA 7D winter	≥ 119	≤ -1821	+4.7

³Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

For more details, please view the qualification report. Before performing a shipment with the ProofPak 23 Premium +22G it is suggested that the user performs a validation process with the equipment available and under the conditions available. A test in worst case conditions is recommended. The box provides a very stable and well-designed system solution which has to be adapted on the particular requirements of the user.

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DIMENSIONS AND WEIGHT

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[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
470 x 455 x 355	18.5 x 17.9 x 14	300 x 300 x 200	11.8 x 11.8 x 7.9	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
19 ± 1	41.9 ± 2.2	18

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36363 +05G	2	355 x 355 x 30	14 x 14 x 1.2	2.4	5.3	AK000100
36263 +05G	4	355 x 255 x 32	14 x 10 x 1.3	1.8	4	AK000091

²dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE The ProofPak 23 Premium +05G is qualified in the temperature range from +2 °C to +8 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	> 144	> 3600	+30
ISTA 7D winter	> 144	n.a.	+5.1

³Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

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DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
470 x 455 x 355	18.5 x 17.9 x 14	300 x 300 x 200	11.8 x 11.8 x 7.9	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
24.3 ± 1	53.6 ± 2.2	18

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36363 -21G	2	355 x 355 x 30	14 x 14 x 1.2	3.5	7.7	AK000102
36263 -21G	4	355 x 233 x 32	14 x 9.2 x 1.3	2.7	6	AK000013

²dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE The ProofPak 23 Premium -21G is qualified in the temperature range from -25 °C to -15 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 110	≥ 5500	+30

³Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

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For -20 °C shipments

DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
470 x 455 x 355	18.5 x 17.9 x 14	300 x 300 x 200	11.8 x 11.8 x 7.9	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
24.2 ± 1	53.4 ± 2.2	18

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 -26G	4	355 x 255 x 31.6	14 x 10 x 1.2	2.6	5.7	AK000391
36363 -26G	2	355 x 355 x 30	14 x 14 x 1.2	3.5	7.7	AK000392

²dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE The ProofPak 23 Premium -26G is qualified in the temperature range below -20 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 118	≥ 6490	+30

³Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

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For -40 °C shipments

DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
470 x 455 x 355	18.5 x 17.9 x 14	300 x 300 x 200	11.8 x 11.8 x 7.9	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)	
[kg]	[lbs]	[L]	
25.9 ± 1	57.1 ± 2.2	18	

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 -37G	4	355 x 255 x 31.6	14 x 10 x 1.2	2.9	6.4	AK000168
36363 -37G	2	355 x 355 x 30	14 x 14 x 1.2	3.8	8.4	AK000169

²dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE The ProofPak 23 Premium -37G is qualified in the temperature range below -30 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 89	≥ 5767	+29.8

³Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

For more details, please view the qualification report. Before performing a shipment with the ProofPak 23 Premium -37G it is suggested that the user performs a validation process with the equipment available and under the conditions available. A test in worst case conditions is recommended. The box provides a very stable and well-designed system solution which has to be adapted on the particular requirements of the user.

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For -50 °C shipments

DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
470 x 455 x 355	18.5 x 17.9 x 14	300 x 300 x 200	11.8 x 11.8 x 7.9	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)	
[kg]	[lbs]	[L]	
24.5 ± 1	54 ± 2.2	18	

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36263 -50G	4	355 x 255 x 31.6	14 x 10 x 1.2	2.7	6	AK000194
36363 -50G	2	355 x 355 x 29	14 x 14 x 1.1	3.5	7.7	AK000196

²dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE The ProofPak 23 Premium -50G is qualified in the temperature range below -40 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 75	≥ 5985	+29.8

³Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

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For -70 °C shipments

DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
470 x 455 x 355	18.5 x 17.9 x 14	300 x 300 x 200	11.8 x 11.8 x 7.9	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)	
[kg]	[lbs]	[L]	
25.4 ± 1	56 ± 2.2	18	

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
36363 -67G	2	355 x 355 x 30	14 x 14 x 1.2	3.7	8.2	AK000465
36263 -67G	4	355 x 255 x 31.6	14 x 10 x 1.2	2.8	6.2	AK000464

²dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE The ProofPak 23 Premium -67G is qualified in the temperature range below -60 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D summer	≥ 53	≥ 5014	+29.6

³Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

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DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
470 x 455 x 355	18.5 x 17.9 x 14	255 x 255 x 185	10 x 10 x 7.3	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)
[kg]	[lbs]	[L]
19.7 ± 1	43.4 ± 2.2	12

¹including Dry Ice

DRY ICE CONFIGURATION

Dry Ice compartment	Dry Ice pellet diameter		Weight	
	[mm]	[inch]	[kg]	[lbs]
Upper compartment	3	0.1	5.5	12.1
Side compartments	3	0.1	7.5	16.5

PERFORMANCE

The ProofPak 23 Dry Ice is qualified in the temperature range below -60 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ²	Average ambient temperature [°C]
ISTA 7D summer	≥ 116	≥ 12180	+30

²Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

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For +30 °C to +40 °C shipments

DIMENSIONS AND WEIGHT

External Dimensions (l x w x h)		Internal Dimensions ¹ (l x w x h)		Tolerances	
[mm]	[inch]	[mm]	[inch]	[mm]	[inch]
470 x 455 x 355	18.5 x 17.9 x 14	300 x 300 x 200	11.8 x 11.8 x 7.9	± 5	± 0.2

Tare Weight ¹		Payload ¹ (Volume)	
[kg]	[lbs]	[L]	
19.6 ± 1	43.2 ± 2.2	18	

¹Including Temperature Batteries

TEMPERATURE BATTERY CONFIGURATION

va-Q-accu	Pieces	Dimensions ² (l x w x h)		Weight		Material number
		[mm]	[inch]	[kg]	[lbs]	
+37G 36263	4	355 x 255 x 31.6	14 x 10 x 1.2	1.9	4.2	AK000204
37G 36363	2	355 x 355 x 30	14 x 14 x 1.2	2.5	5.5	AK000202

²dimensions of empty Temperature Battery shell, variation due to PCM inside and aggregation state possible

PERFORMANCE

The ProofPak 23 Premium +37G is qualified in the temperature range from +30 °C to +40 °C

Temperature scenario	Duration [hrs]	Kelvin-hours ³	Average ambient temperature [°C]
ISTA 7D winter	≥ 102	≤ -3070	+4.9

³Detailed information about the concept of Kelvin-hours on www.kelvinhours.com

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