

Unicooler

RKN

- Safe operation
- Simple to operate
- Data recording
- Set temperature range:
-20°C to +30°C



The UNICOOLER is a high-end container cooled by dry ice and heatable that has been specially developed to transport temperature-sensitive pharmaceutical products safely. The temperature of the cargo compartment is permanently monitored. The start and end of transport are also monitored, as is the charge status of the batteries.

All necessary components are installed redundantly to ensure safe operation. All alarm signals such as opened doors are displayed. Continuous data recording provides the customer with a complete transport history. All data (secure from manipulation) can be displayed and can be printed as a diagram for quality assurance purposes.

■ Safe operation



All necessary components such as temperature sensor are installed redundantly to ensure safe operation.

■ Optimised cargo compartment



The cargo compartment has a loading height of 1,170 mm (46 in), providing space for 1 Euro pallet or 1 US pallet.

■ High Level ULDs

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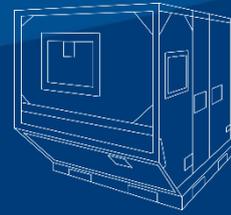
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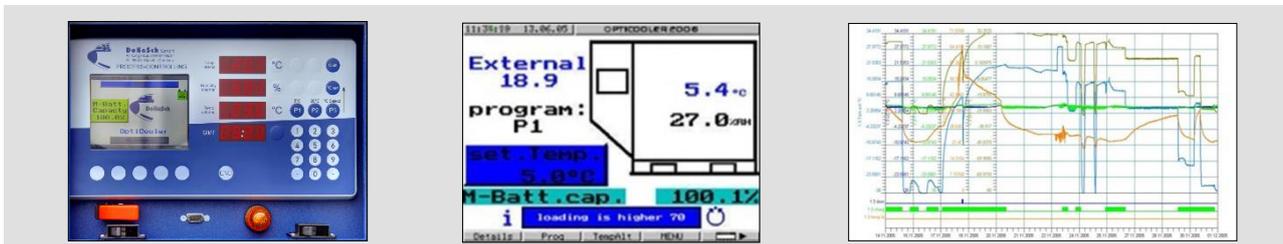


Simple to operate

P1: Set Point 5°C	+2°C to +8°C	+35.6°F to +46.4°F
P2: Set Point 20°C	+15°C to +25°C	+59°F to +77°F
P3: freely selectable	-20°C to +30°C	-4°F to +86°F

The UNICOOLER gives the customer the choice of selecting between 3 presets, P1, P2 and P3.

Permanent data recording



All data including alarm signals are recorded from the start to the end of operation can be displayed and is secure from manipulation.

Technical Data*	RKN (LD3)	
Set temperature range	-20°C to +30°C	-4°F to +86°F
Ambient temperature range	-30°C to +50°C	-22°F to +122°F
External dimensions (L x W x H)	2,002 x 1,534 x 1,624 mm	78.9 x 60.4 x 63.9 in
Internal dimensions (L x W x H)	1,302 x 1,265 x 1,302 mm	51.3 x 49.8 x 51.3 in
Max. internal loading dimensions (L x W x H)	1,220 x 1,180 x 1,170 mm	48 x 46.5 x 46.1 in
Loading volume, effective	1.65 m ³	49 cu. ft
Ice bunker capacity, max.	120 kg	265 lb
Tara weight	444 kg	979 lb
Gross weight (incl. dry ice)	1,588 kg	3,501 lb
Net weight, max.	1,144 kg	2,522 lb
Power supply	operated by 24 V airworthy accumulators ground systems 110 / 220 V connectors	
Accumulator load time (0-100%)	approx. 8 h	
Autonomous running time	approx. 120 h	

*subject to technical changes

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