



Simple. Smart. Secure.

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NELUMBOX



NELUMBOX is the first smart and active-cooling device (*meaning electronically controlled*) for both **mobile** and **stationary** use.







NELUMBOX is a **all-in-one solution** that can be applied in various fields.



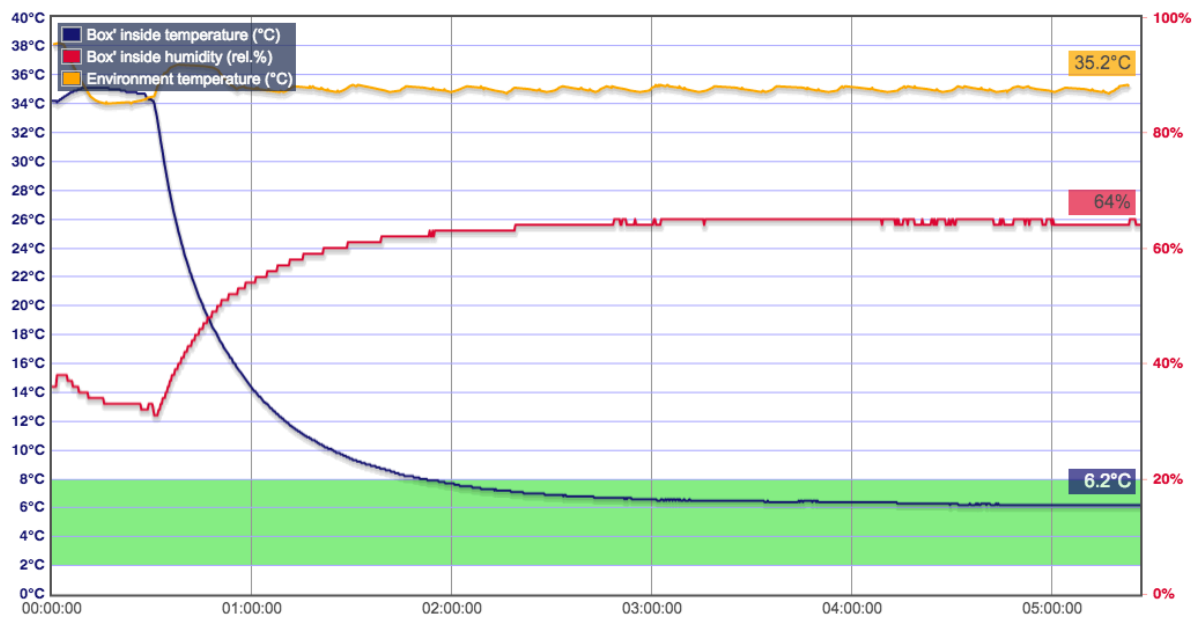
NELUMBOX automates your cold-chain and leaves you **worry-free!** It takes care of your **temperature sensitive goods**, so you can leave focus on the most important things.

NELUMBOX IS...		
ACTIVE-CONTROL	Cooling and heating at any temperature. <i>No warehousing and infrastructure needed.</i>	
WORRY-FREE	Keeping track of the coldchain by itself in real-time. <i>No additional data loggers needed.</i>	
TIME-SAVING	Instant cooling in less than 20 minutes – anywhere and anytime. <i>No pre-conditioning of ice packs required.</i>	
COST-REDUCING	Reducing the total costs of ownership due to process optimization. <i>No staff trainings and cold chain know how needed.</i>	
HYBRID-COOLING	High flexibility by buffering temperature peaks and runtime extension. <i>No dependence on unexpected temperature events.</i>	
SUSTAINABLE	Reducing environmental impact due to high reusability. <i>No packaging waste due to single-use boxes.</i>	
... A COOLING SOLUTION TO ENSURE COOLING CHAIN OF...		
 BLOOD	 MEDICINE	 VACCINES
TECHNICAL FACTS		
<ul style="list-style-type: none"> ▪ Instant active cooling & heating: 2-8°C & 15-25°C & 37°C ▪ Power-independent battery-runtime: up to 12/24 h ▪ Battery recharge within two hours ▪ Expand active-cooling by easy ability to replace of batteries ▪ Integrated power supply (110-240 V AC & 12 V DC) ▪ Personalized access (RFID-lock) ▪ Live-Tracking: temperature, humidity, access, motion, GPS ▪ Data-Access via web-browser or proprietary APIs ▪ Outer dimension: 330 x 330 x 200 mm (22 l) ▪ Inner dimension: 170 x 200 x 135 mm (4.6 l) ▪ splash and dust-proof 		

NELUMBOX IS CONFORM TO ESSENTIAL STANDARDS

	58345	Refrigeration appliances for pharmaceuticals NELUMBOX is a fully compliant pharmaceutical refrigerator
	58371	Refrigerators for conserved blood NELUMBOX is a fully compliant blood refrigerator
	7 D/E	Temperature profile (winter and summer)
	IATA	Handluggage transport (no liquids, 100 Wh batteries, perfect size)
	CE	Conformity with health, safety, and environmental protection standards for products sold within the European Economic Area
	UN 3373	Biological substance category b

EXAMPLE: TRACKING OF TEMPERATURE AND HUMIDITY*



*The tracking of all data is optional. Data can be saved either on the NELUMBOX or on German servers. Data tracking will be conform to General Data Protection Regulation of the European Union.