



## E003: Refrigerators and freezers



<b>Product name:</b>	Indigo 201
<b>IMD-PQS Code:</b>	E003-140
<b>Status:</b>	Prequalified
<b>Date of acceptance:</b>	15 Jul 2024
<b>Product description:</b>	Transportable vaccine storage device
<b>Manufacturer:</b>	EMK TEC GmbH
<b>Manufacturers Reference:</b>	Indigo 201
<b>Country of Manufacture:</b>	Germany
<b>Address:</b>	Fleckerweg 3 Allstedt Sachsen-Anhalt Germany
<b>Telephone:</b>	+49 (34652) 670207
<b>Website address:</b>	<a href="https://emk-tec.com">https://emk-tec.com</a>
<b>Valid until:</b>	31 May 2026

### Specifications

#### PRODUCT SPECIFICATIONS - MAIN

<b>Minimum rated ambient temperature (°C)</b>	10.00	<b>Freeze protection</b>	Grade A
<b>Hold over time (hours:mn)</b>	120	<b>External dimensions length (mm)</b>	355.00
<b>External dimensions width (mm)</b>	482.50	<b>External dimensions height (mm)</b>	355.00
<b>Appliance tested at (°C)</b>	43.00	<b>Performance at" (°C)</b>	43.00
<b>Energy source</b>	Electric Mains 220-240V 50/60Hz		

#### PRODUCT SPECIFICATIONS - ADDITIONAL REFRIGERATOR

<b>Refrigerator vaccine storage capacity(L)</b>	1.700	<b>Refrigerator's gross volume (Litres)</b>	2.000
<b>Refrigerant type</b>	Water		

<b>Comments</b>	<p>"There are two components in the Indigo system: the transportable 201 Vaccine Carrier and the stationary C1 Charger. The vaccine carrier has features and capabilities that extend the reach of immunization programs. • Extended cooling: Provides vaccine-safe storage temperatures for five days of continuous use at 10 to 43 °C ambient temperature, without external power. • Freeze-free: Prevents vaccine exposure to freezing temperatures without action from the user. • On/off switch: The five-day cold life of a charged vaccine carrier may be stored until needed. • Safe: Contains no harmful materials or refrigerants. • Portable: Transportable by car, motorcycle, or on foot. • Reusable and durable with two year warranty The charger restores the cooling capacity of the vaccine carrier after use. It is engineered to perform in the most challenging power environments. An operating range from 110VAC to 278VAC creates adaptability across infrastructures, while a suite of voltage stabilization features protects against damage and underperformance. For a single charge, the C1 Charger has a 4 hour charge cycle drawing 900 W for the first 2 hours and 100 W for the last 2 hours totaling 2 kWh of energy per charge. After the charge is complete the transportable Indigo Vaccine Carrier can be stored until ready for use and needs no additional power input to provide its five days of cold life. A single charger supports multiple vaccine carriers. Changes in geography, fuel cost, and staffing costs can drive the optimal carrier-to-charger ratio for a specific deployment as low as 4:1 or as high as 20:1. Sample weight is 8.8 kg. Visit <a href="http://www.indigocold.org">www.indigocold.org</a> to learn more. Shipping volume: Carrier: 0.08 m3; Charger0.18m3 Shipping weight: 11 kg; Charger 34kg</p>		
<b>List of accessories</b>	English/French manuals, No. 1 Phillips screwdriver, VaroTM OTG Adaptor		
<b>List of spare parts, Reference &amp; Price</b>	For every 50 transportable vaccine carriers purchased, we recomend 1 set of vaccine carrier spare parts (cooler, lid, and bag).		

#### PRICE AND SHIPPING

<b>Shipping volume (m3)</b>	0.026	<b>Shipping weight (kg)</b>	45.00
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Incoterms	EXW	Price 1	carrier: USD1,450 ; charger: USD 2,900
Year of base price	2024		
QUALITY STANDARD			
Quality Standard	Other	Quality standard (Other)	ISO 9001:2008
VERIFICATION			
Verification Laboratory	0013X00004MI8OpQAJ	Verification Report Reference	22437/EK02/V1
Current PQS status:	<i>Prequalified</i>	Valid until:	<i>31 May 2026</i>

Note: If Current PQS status is 'Suspended' or 'Withdrawn', this product is NOT to be purchased.