

Song Tongshui

HEBEI BOXIN RECOVERY EQUIPMENT CO.,LTD

Self testing Performance Report of Electric hospital bed

河北博信康复器械有限公司

Hebei Boxin Recovery Equipment Co., Ltd

Manufacturer name		HEBEI BOXIN RECOVERY EQUIPMENT CO.,LTD	Product name: Electric 5 function home care bed	Lot number: BXC25112001 Produce date: 2026-3-14	Product Code BXPJ230201007
Inspector Name: Hu Haitao		Quantity: 10SETS	Standar Number: Zhang Chaoya	Standar Number: CE Certificate Number RPS/2079/2021, Date of Issue: 2023-12-25, Certificate valid up to: 2028-12-24 ISO 13485:2016,Date of Issue:2024-11-18,Certificate valid up to:2027-11-19	DATE: 2025-3-20
NO	TEST ITEM	Clause	Technical requirements	Inspection result	Conclusion
1	appearance	2.1.1	The appearance should have a uniform color and luster. The surface should be smooth and flat without obvious scratches, burrs, indentations, etc.	Meet the requirements	PASS
		2.1.2	Welded parts should be firmly welded, with no cracks, leakage welding and other defects. The bends should be at a consistent angle, without sharp corners, and the	Meet the requirements	

			bending angles should be uniform.		
		2.1.3	The paint - coated or electroplated parts should be evenly sprayed and baked, without scratches, and there should be no phenomena such as bottom exposure, blistering, flow marks, wrinkles, and peeling.	Meet the requirements	
		2.1.4	The text markings on the electric hospital bed should be complete and clear; the markings on the hand - controlled operation buttons should be clear, accurate and reliable.	Meet the requirements	
2	installation	2.2.1	The bed body and the bed frame should be interchangeable and easy to assemble and disassemble.	Meet the requirements	PASS
		2.2.2	After the bed body and the movable parts of the bed are assembled, they should be firm, reliable, and not loose. The rotation should be smooth, adjustment should be flexible, and there should be no jamming.	Meet the requirements	
		2.2.3	The guardrails of the electric hospital bed should be easy to assemble. After being locked, they should be fixed, stable, and free	Meet the requirements	

			from looseness or slippage.		
		2.2.4	The electric bed should be flexible in lifting and lowering. When the bed is lifted or lowered as a whole, or tilted forward or backward, it should run smoothly without shaking.	/	
		2.2.5	The electric hospital bed should be flexible in movement, and the casters should have reliable braking.	Meet the requirements	
3	Specifications and Dimensions	2.3	The specification dimensions of the electric bed, as well as the lifting range of the bed frame and the size of the folding angles shall comply with the provisions of Table 1. Bed surface length: 1800mm with a tolerance of ± 10 mm.	The measured value is 1800mm.	PASS
			Bed surface width: 800mm with a tolerance of ± 10 mm.	The measured value is 800mm.	
			Folding angle of the back frame: 0° - 75° with a tolerance of $\pm 5^{\circ}$.	The measured value is 0° - 75° .	
			Folding angle of the thigh frame: 0° - 25° with a tolerance of $\pm 5^{\circ}$.	The measured value is 0° - 29.2° .	

			Overall forward - tilting angle of the bed surface: 0° - 12° with a tolerance of ±2°.	Overall forward - tilting angle of the bed surface: 0° - 12° with a tolerance of ±2°.	
			Overall backward - tilting angle of the bed surface: 0° - 12° with a tolerance of ±2°.	Overall backward - tilting angle of the bed surface: 0° - 12° with a tolerance of ±2°.	
			Overall left - tilting angle of the bed surface: ≥15°. Overall right - tilting angle of the bed surface: ≥15°. The measured value is 15.7°.	/	
			Height of the bed surface from the ground (excluding the mattress): 440-640mm with a tolerance of ±20mm.	Height of the bed surface from the ground (excluding the mattress): 440-640mm	
4	The load capacity of the electric hospital bed	2.4.1	Static load of the electric hospital bed: It should be able to bear a uniform static load of 4000N. Only when the bed remains in a normal state, permanent deformation is acceptable.	Meet the requirements	PASS
		2.4.2	Safe working load of the electric hospital bed: It should be able to work normally under a load of	Meet the requirements	

			1700N.		
5	Emergency Stop Function	2.5	It should have an emergency stop function controlled by the patient.	Meet the requirements	PASS
6	Noise level	2.6	When the electric hospital bed is operating with various functions, the noise should be $\leq 65\text{dB (A)}$.	51.8	PASS
7	Backup battery	2.7	When the electric hospital bed is disconnected from the AC power supply, the backup battery charged as specified should be able to complete all operations.	Meet the requirements	PASS
Inspection conclusion:		It complies with the provisions of the product technical requirements.			
Product photo					

