

Song Tongshui

HEBEI BOXIN RECOVERY EQUIPMENT CO.,LTD

Self testing Performance Report of Manual hospital bed(item-2)

河北博信康复器械有限公司
Hebei Boxin Recovery Equipment Co.,LTD

Manufacturer name	<u>HEBEI BOXIN</u> <u>RECOVERY</u> <u>EQUIPMENT</u> <u>CO.,LTD</u>	Product name: Manual 1 function home care bed	Lot number: BXC25112001 Produce date:2026-03-14	Product Code BXPJ230316007HC
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: 2026-03-20
NO	TEST ITEM	Technical requirement	detection result	Judgment
—	Bed frame			
1	Appearance	The surface of the bed must not have defects such as burrs or scars; the welds of the bed should be uniform, without burn marks, cold cracks, or missed welds; the bed's electrostatic spray coating should be firm, smooth, and even in color, without bubbles or peeling. The bed surface should be bright, with uniform color, and smooth, even curves. The bed surface should have good breathability.	Compliant	PASS

2	Outer Diameter Length	2150mm±50mm	Length: 2100mm	PASS
3	Outer Diameter Width	1000mm±50mm	Width: 960mm	PASS
4	Backrest Adjustment	0~70°±5°	Backrest adjustment: 70°	PASS
5	Leg Adjustment	0~45°±5°	Leg Adjustment: 420°	PASS
6	Bed Frame Material	The bed frame structure is made of high-quality cold-drawn carbon steel profiles, with a wall thickness of ≥1.5mm.	Bed frame:40*80*1.5mm	PASS
7	Bed Surface Material	The bed surface is made of high-quality cold-rolled steel plate, molded by stamping, with a concave shape and a wall thickness of ≥1.2mm.	Bed surface: cold-rolled steel plate, molded by stamping, concave shape, thickness: 1.2mm	PASS
8	Bed Surface Width	The net width of the bed panel is 800 ± 10mm	The net width of the bed panel is 800mm	PASS
9	Mattress Guardrail	The bed panel is equipped with a detachable mattress guardrail	Complies	PASS
10	Static Load - bearing Capacity	Place the hospital bed on a horizontal ground. Evenly place 6 sandbags, each weighing 60kg, on the bed surface. After 24 hours, the deflection shall be less than 50mm. After removing the weights, the residual deflection shall be less than 3mm, and there shall be no abnormal phenomena in all parts.	Place the hospital bed on a horizontal ground. Evenly place 6 sandbags, each weighing 60kg, on the bed surface. After 24 hours, the deflection is 8mm. After removing the weights, the residual deflection is 1mm, and there are no abnormal phenomena in all parts.	PASS

11	Dynamic Load - bearing Capacity	Place the hospital bed on a horizontal ground. Fix 3 sandbags, each weighing 50kg, on the headboard. Operate once every 5 minutes. After 24 hours, the bed surface should operate normally without any abnormal phenomena.	Place the hospital bed on a horizontal ground. Fix 3 sandbags, each weighing 50kg, on the headboard. Operate once every 5 minutes. After 24 hours, the bed surface operates normally without any abnormal phenomena.	PASS
12	Infusion Stand Insertion Holes	≥4holes	The bed has 4 infusion stand insertion holes	PASS
13	Infusion Pump Stand	The whole material of this infusion pump stand is stainless steel, which can be used in combination with the pre - reserved infusion stand insertion holes on the hospital bed. It can be directly inserted into the holes of the infusion stand to form an integrated connection with the hospital bed. And this infusion pump stand is made of ABS material.	Complies	PASS

NO	TEST ITEM	Technical requirement	detection result	Judgment
15	Rust - proof treatment	The entire surface of the bed body is treated with electrostatic powder spraying	Complies	PASS
二	ACCESSORIES			
16	HEAD&FOOT BOARD			
16.1	Appearance	The headboard and foot board are equipped with locking devices, and are made of a combination of ABS engineering plastics	Complies	PASS

16.2	Patient Information Card Slot	There is a transparent headboard card slot installed on the foot board of the bed, into which cards can be inserted.	Complies	PASS
17	guardrail			
17.1	Appearance	It is made of high-quality aluminum alloy material.	Complies	PASS
17.3	Lateral pushing and pulling force	The lateral pushing and pulling force is greater than or equal to 980 Newtons.	The average value of the lateral pushing and pulling force is 1100 Newtons.	PASS
18	Lever			
18.1	Over - winding Protection	The steel handle and the screw design of the lever have over - winding protection. It can bear strong force, is not easy to be damaged, and greatly extends the service life of the lever.	Complies	PASS
18.2	Dust Cover	The core of the lever is equipped with a dust cover.	Complies	PASS
19	Casters			
19.1	Dimensions	The four wheels adopt 125mm central - controlled silent polyurethane casters.	Caster diameter: 125mm	PASS
19.2	Two - stage Braking	Two - stage adjustment, locking and free - moving.	Complies	PASS
Product Photos				

