

DIN EN 1865-2:2024-09 (E)

Patient handling equipment used in ambulances - Part 2: Power assisted stretcher

Contents		Page
European foreword		3
Introduction		5
1	Scope	6
2	Normative references	6
3	Terms and definitions	6
4	Requirements	7
4.1	General	7
4.2	Main stretcher	7
4.2.1	General	7
4.2.2	Dimensions	7
4.2.3	Mass	8
4.2.4	Loading capacity	8
4.2.5	Frame	8
4.2.6	Power source	9
4.2.7	Lying part of the stretcher	9
4.2.8	Restraint system	10
4.2.9	Flammability - Toxicity burning gases	10
4.2.10	Deformation of the frame	10
4.2.11	Fixation	10
4.2.12	Deformation of the lying area	10
4.2.13	Resistance to torsion	10
4.2.14	Splaying of the wheels	10
5	Test methods	11
5.1	Permanent deformation of the frame	11
5.1.1	Stretcher frame	11
5.1.2	Undercarriage frame	11
5.2	Fixation inside the ambulance	11
5.3	Permanent deformation of the lying area	12
5.4	Resistance to twisting/torsion	12
5.5	Splaying of the wheels	13
6	Marking	13
Annex ZA (informative) Relationship between this European standard and the General Safety and Performance Requirements of Regulation (EU) 2017/745 aimed to be covered		14
Bibliography		17