



NSAI
Standards

Irish Standard
I.S. EN 1865-2:2010+A1:2015

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

I.S. EN 1865-2:2010+A1:2015

Incorporating amendments/corrigenda/National Annexes issued since publication:

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This document is based on:

EN 1865-2:2010+A1:2015

Published:

2015-03-04

*This document was published
under the authority of the NSAI
and comes into effect on:*

2015-03-21

ICS number:

11.160

NOTE: If blank see CEN/CENELEC cover page

NSAI
1 Swift Square,
Northwood, Santry
Dublin 9

T +353 1 807 3800
F +353 1 807 3838
E standards@nsai.ie
W NSAI.ie

Sales:
T +353 1 857 6730
F +353 1 857 6729
W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 1865-2:2010+A1

March 2015

ICS 11.160

Supersedes EN 1865-2:2010

English Version

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

Spécifications d'équipements pour le transport de patient
dans les ambulances routières - Partie 2: Brancard
motorisé

Krankentransportmittel im Krankenkraftwagen - Teil 2:
Kraftunterstützte Krankentrage

This European Standard was approved by CEN on 2 July 2010 and includes Amendment 1 approved by CEN on 20 December 2014.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 1865-2:2010+A1:2015 (E)

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Foreword

This document (EN 1865-2:2010+A1:2015) has been prepared by Technical Committee CEN/TC 239 “Rescue systems”, the secretariat of which is held by DIN.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by September 2015, and conflicting national standards shall be withdrawn at the latest by September 2015.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 20 December 2014.

■_{A1} This document supersedes EN 1865-2:2010. ◊_{A1}

The start and finish of text introduced or altered by amendment is indicated in the text by tags ■_{A1} ◊_{A1}.

This document has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EU Directive(s).

For relationship with EU Directive(s), see informative Annex ZA, which is an integral part of this document.

■_{A1} This European Standard is a part of EN 1865, *Patient handling equipment used in road ambulances*, which consists of the following parts:

- *Part 1: General stretcher systems and patient handling equipment;*
- *Part 2: Power assisted stretcher* [the present document];
- *Part 3: Heavy duty stretcher;*
- *Part 4: Foldable patient transfer chair;*
- *Part 5: Stretcher support.* ◊_{A1}

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EN 1865-2:2010+A1:2015 (E)

Introduction

In this standard reference is made to EN 1789 which specifies design requirements and test methods for road ambulances, which are relevant for checking requirements for such handling equipment.

1 Scope

This European Standard defines minimum requirements for the design and performance of power assisted stretchers used in road ambulances for the treatment and transportation of patients. It aims to ensure patient safety and minimize the physical effort required by staff operating the equipment.

2 Normative references

A1 The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies. **A1**

A1 EN 597-1:1994 **A1**, *Furniture - Assessment of the ignitability of mattresses and upholstered bed bases - Part 1: Ignition source: Smouldering cigarette*

A1 *deleted text* **A1**

A1 EN 1041:2008+A1:2013 **A1**, *Information supplied by the manufacturer of medical devices*

A1 EN 1789:2007+A2:2014 **A1**, *Medical vehicles and their equipment — Road ambulances*

A1 EN 1865-1:2010 **A1**, *Patient handling equipment used in road ambulances — Part 1: General stretcher systems and patient handling equipment*

A1 EN 60601-1-2:2014, *Medical electrical equipment — Part 1-2: General requirements for basic safety and essential performance — Collateral Standard: Electromagnetic disturbances — Requirements and tests (IEC 60601-1-2:2014)* **A1**

A1 EN 62366:2008 **A1**, *Medical devices — Application of usability engineering to medical devices (IEC 62366:2007)*

A1 EN ISO 14971:2012 **A1**, *Medical devices - Application of risk management to medical devices (ISO 14971:2007, Corrected version 2007-10-01)*

A1 EN ISO 15223-1:2012, *Medical devices - Symbols to be used with medical device labels, labelling and information to be supplied - Part 1: General requirements (ISO 15223-1:2012)* **A1**

3 Terms and definition

For the purposes of this document, the following terms and definitions apply.

3.1

power assisted stretcher

device designed for the conveyance of sick and/or injured persons or those in labour in transit in a recumbent position in safety and in comfort whilst facilitating treatment and providing powered movements in the operation of the stretcher to reduce the physical effort required by operatives

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