

Demko Certificate

Product: Medical Actuator System
Manufacturer: LINAK A/S
SMEDEVAENGET 8
GUDERUP, 6430 NORDBORG DENMARK
Production site: LINAK A/S
SMEDEVAENGET 8
GUDERUP, 6430 NORDBORG DENMARK
Certified by request of: LINAK A/S
SMEDEVAENGET 8
GUDERUP, 6430 NORDBORG DENMARK
Trademark: -none-
Model/Type ref.: See appendix
Rated current or power: See appendix
Rated voltage: See appendix
Insulation Class: See appendix
Degree of protection: -
Additional information: -

A sample of the product has been tested and found in conformity with EN 60601-1:1990+A1:93+A2:95+A13:96, as shown in the Test Report with ref. No. E175209-A9-CB-1 issue date 2006-11-24 with Amendment 1 issue date 2007-05-15 and Amendment 2 issue date 2008-03-28.

Furthermore, the product complies with the national deviations in Denmark.

Date of expiry: 2017-05-21

UL International Demko AIS is a body notified to the Member States and Commission of the European Communities according to the provisions of Article 8 of the Low Voltage Directive.

The Manufacturer complies with the Production Surveillance Requirements. Products included in this certificate are allowed to carry the registered approval marks of UL International Demko AIS, or for cables <DEMKO>. The name of UL International Demko AIS can be used in the marketing of the products. This Statement is only valid for products, which are identical to the tested product, and manufactured at the above-mentioned production site(s). UL International Demko AIS has to be informed in writing about any changes, in accordance with the "UL International Demko AIS Standard Terms and Conditions" for UL International Demko AIS services. The validity of this certificate is shortened if the EU legislation requires re-testing and re-certification, due to new standards or amendments coming into force, before the expiry date.

Herlev, 2008-04-10


Jan-Erik Storgaard
Certification Manager

UL International Demko A/S

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Laboratories Inc.®**

Appendix to Demko Certificate No. 142263-04

The Certificate covers the following:

Model/Type Reference: CBJH : Controlbox
HB5x, HB7x, HB8xxxOx : Handcontrol
LA27, LA28, LA31 and LA34 : Actuator
CH01, CH08 : battery chargers. (Certified)

Rating(s): CBJH, rated U in : 24Vdc, U out : 24Vdc, max 250VA, Int. operation : 10%,
2min ON / 18 OFF, IPx4;
HB5x, rated IP65 or IP66
HB7x, rated IP66
HB8xxxOx, rated IP54 or IP66
LA27, rated IP54
LA28x, rated IP65 or IP66
LA31, rated IP54 or IP66
LA34, rated IP54 or IP66

This UL Demko certificate replace earlier issued Demko certificate No. 142263-02 issue date 2007-05-21 due to add of a new handcontrol model.

Herlev, 2008-04-10


Jan-Erik Storgaard
Certification Manager

UL International Demko A/S

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Certificate of Compliance

Certificate Number 051206 - E175209
Report Reference E175209, November 24th, 2006
Issue Date 2006 December 5

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Issued to: **LINAK A/S**
SMEDEVAENGET 8
GUDERUP 6430 NORDBORG DENMARK

This is to certify that representative samples of

Medical Actuator System



CBJH : Controlbox
HB5x, HB7x : Handcontrol
LA27, LA28, LA31 and LA34 : Actuator
CH01, CH08 : battery chargers. (Certified)

Have been investigated by Underwriters Laboratories Inc.® in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: **UL 60601-1 - 1 - Electrical Equipment, Part 1: General Requirements for Safety**
CAN/CSA-C22.2 No.601.1-M90 - 1 Electrical Equipment, Part 1: General Requirements for Safety

Additional Information: Rating(s):
CBJH, rated U in : 24Vdc, U out : 24Vdc, max 250VA, Int. operation : 10%, 2min ON / 18 OFF, IPx4; HB5x, rated IP65 or IP66 HB7x, rated IP66 LA27, rated IP54 LA28x, rated IP65 or IP66 LA31, rated IP54 or IP66 LA34, rated IP54 or IP66

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. generally consists of the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:  may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual recognitions. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and the manufacturer's identification and catalog number, model number or other product designation as specified under "Marking" for the particular Recognition as published in the appropriate UL Directory.

Look for the UL Recognized Component Mark on the product

Issued by: *Ken Dybdahl*
Ken Dybdahl, Senior Project Handler

UL International Demko A/S

Any information and documentation provided to you involving UL Mark services are provided on behalf of Underwriters Laboratories Inc.
For questions in Denmark, you may call +45 44856565.

Reviewed by: *Mona H. Nielsen*
Mona H. Nielsen, Lead Engineering Associate

UL International Demko A/S



DECLARATION OF CONFORMITY

LINAK A/S
Smedevænget 8
DK - 6430 Nordborg

hereby declares that LINAK Actuator System composed of:

Control Box CBJH

And

| | | |
|--------------------|------|----------|
| Linear Actuator(s) | LA23 | and / or |
| Linear Actuator(s) | LA28 | and / or |
| Linear Actuator(s) | LA31 | and / or |
| Linear Actuator(s) | LA34 | and / or |
| Linear Actuator(s) | LA44 | |

And

| | | |
|---------|------|----------|
| Handset | HB5x | and / or |
| Handset | HB7x | and / or |
| Handset | HB8x | |

And

External Charger 00CH01-xx

complies with the EMC Directive: 2004/108/EC according to following standards:
EN 55011:1998+A1+A2 Class B, EN 55022:1998+A2 Class B,
EN 61000-3-2:2000 and EN 61000-3-3:1995+A1

and complies with Low Voltage Directive 2006/95/EC according to the standard:
EN 60601-1:1990+A1:1993+A2:1995 (Medical electrical equipment - Part 1: General requirements for safety)

Additional information:

The system does also comply with the standard DS/EN/ISO 10535: 2007 chapter 4.3.1.23 (Hoists for the transfer of disabled persons – Requirements and test method)

Nordborg, 2012-06-17



LINAK A/S
John Kling, B.Sc.E.E.
Certification and Regulatory Affairs
Authorized to compile the relevant technical documentation

Original Declaration