




<b>TEST REPORT</b> <b>EN 12184:2014</b> <b>TUV SUD Test report for</b> <b>Electrically powered wheelchairs, scooters and their chargers -</b> <b>Requirements and test methods</b>	
Report reference No. ....	713102296
Date of issue .....	2019-03-15
Project handler.....	Dipl.-Ing. Michael Kese
Testing laboratory .....	TÜV SÜD Product Service GmbH
Address .....	Masurenweg 1-3, D-30163 Hanover
Testing location .....	as above
Client .....	Sunrise Medical GmbH
Client number.....	36070
Address .....	Kahlbachring 2-4, 69254 Malsch / Heidelberg, GERMANY
Contact person.....	Mr. Gerhard Weis
Standard.....	This TUV SUD test report form is based on the following requirements: EN 12184:2014
TRF originated by. ....	TUV SUD Product Service GmbH, Mr. Michael Kese, Dipl.-Ing. (product specialist)
Copyright blank test report .....	This test report is based on the content of the standard (see above). The test report considered selected clauses of the a.m. standard(s) and experience gained with product testing. It was prepared by TUV SUD Product Service GmbH.  TUV SUD Group takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.
Scheme .....	<input type="checkbox"/> TÜV Mark, <input checked="" type="checkbox"/> without certification
Non-standard test method.....	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, see details under Summary
National deviations .....	No
Number of pages (Report).....	79
Number of pages (Attachments) .....	0
Compiled by .....	Approved by.....: Jens Meyer
(+ signature)	(+ signature)
 SIGN-ID 229281	 SIGN-ID 229607 18.03.2019

Test sample.....:	HAN-343938-1 (Q500R) HAN-384761-1 (Q500R) HAN-343943-1 (Q500M) HAN-386834-1 (Q500M) HAN-347050-1 (Q500F) HAN-384762-1 (Q500F)											
Type of test object.....:	Electrically driven wheelchair											
Trademark.....:												
Model and/or type reference .....	Quickie Q500 M/F/R											
Rating(s).....:	Serial Number: HAN-343938-1 (Q500R): 2250050R-000 HAN-384761-1 (Q500R): 5R1018000015 HAN-343943-1 (Q500M): 2250050M-000 HAN-386834-1 (Q500M): 5M111800027 HAN-347050-1 (Q500F): 2250050F-000 HAN-384762-1 (Q500F): 5F1018000015											
Manufacturer .....	Sunrise Medical GmbH											
Manufacturer number.....:	36070											
Address .....	Kahlbachring 2-4, 69254 Malsch / Heidelberg											
Sub-contractors/ tests (clause).....:	No Sub-contractors											
Name.....:	N/A											
Order description.....:	<table border="1"> <tr> <td><input checked="" type="checkbox"/></td> <td>Complete test according to TRF</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Partial test according to manufacturer's specifications</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Preliminary test</td> </tr> <tr> <td><input type="checkbox"/></td> <td>Spot check</td> </tr> <tr> <td></td> <td></td> </tr> </table>		<input checked="" type="checkbox"/>	Complete test according to TRF	<input type="checkbox"/>	Partial test according to manufacturer's specifications	<input type="checkbox"/>	Preliminary test	<input type="checkbox"/>	Spot check		
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<input type="checkbox"/>	Partial test according to manufacturer's specifications											
<input type="checkbox"/>	Preliminary test											
<input type="checkbox"/>	Spot check											
Date of order.....:	2017-02-20											
Date of receipt of test item.....:	HAN-343938-1 (Q500R); 2250050R-000: 2018-03-15 HAN-384761-1 (Q500R); 5R1018000015: 2018-11-05 HAN-343943-1 (Q500M); 2250050M-000: 2018-03-15 HAN-386834-1 (Q500M); 5M111800027: 2018-11-15 HAN-347050-1 (Q500F); 2250050F-000: 2018-04-05 HAN-384762-1 (Q500F); 5F1018000015:2018-11-05											
Date(s) of performance of test.....:	2018-03-15 to 2019-03-15											

Test item particulars:

**The wheelchair model Q500 was presented in the variants M-mid-wheel drive, F-front wheel drive and R-rear wheel drive for testing. These Q500 models are configurable with 6 km/h (2-pol and 4-pol), 10 km/h (4-pol) and 12.5 km/h (4 pol) propulsion engines. Furthermore, it is possible to build the seating systems Sedeo Pro (50° lift / tilt, switch PM7), Sedeo Pro (30° lift / tilt, switch PM6) and the Sedeo Lite (50 ° tilt, switch PM4) on each model. As part of the test, certain models were then configured to cover the entire spectrum of possible combinations.**

Attachments: --

General remarks:

"(see remark #)" refers to a remark appended to the report.  
"(see appended table)" refers to a table appended to the report.  
Throughout this report a comma is used as the decimal separator.  
The test results presented in this report relate only to the object tested.  
This report shall not be reproduced except in full without the written approval of the testing laboratory.

Summary of testing:

Additional information on Non-standard test method(s)

Sub cl..... :

Page..... :

Rational..... :

deviation(s) found / product is not in compliance with the specified requirements

no deviations found / product is in compliance with the specified requirements

If additional information is necessary, please provide