

TRN Report 89207518 Rev.01

Inspection report relating to walking aids according to the international standard ISO 11199-2, ISO 11199-3 and the EN 12182 concerning the rollator with trade mark: Schuchmann® type: Marcy and Malte

TÜV Rheinland Nederland B.V.
Josink Esweg 10
7545 PN Enschede
The Netherlands

Postal address:
P.O. Box 337
7500 AH Enschede

www.tuv.com/nl

T +31 88 888 7 888
F +31 88 888 7 859

hans.fokkenrood@nl.tuv.com

Date	2 Februari 2018
Author(s)	M.J.H. Braun
Research period	Week 10 up to week 42, 2015 2 Februari 2018
Client	BEO Medconsulting Berlin GmbH Helmholtzstrasse 2 D-10587 Berlin Germany
Project name	Type test rollator Marcy and Malte
Project number	89207518

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Abstract

The rollator, trademark: Schuchmann®, type: Marcy, version(s): Size 0, Size 1 and Size 2 and the rollator, trademark: Schuchmann®, type: Malte, version(s): Size 0, Size 1, Size 2, Size 3 and Size 4 have been tested according to the International standard ISO 11199-2 ^[1], the International standard ISO 11199-3 ^[2] and the European standard EN 12182 ^[3].

The tests have been performed in order to judge whether or not the both type rollators meets the applied requirements of the above-mentioned standards.

The Marcy, version(s): Size 0, Size 1 and Size 2 and the Malte, version(s): Size 0, Size 1, Size 2, Size 3 and Size 4 are fully tested to the requirements of the International standard ISO 11199-2 ^[1]. After this test the Marcy, version(s): Size 0 and Size 2 and the Malte, version(s): Size 0 and Size 4 are tested as worst case to the requirements of the International standard ISO 11199-3 ^[2].

The conclusion is that the Marcy Size 0, Size 1 and Size 2 and the Malte Size 0, Size 1, Size 2, Size 3 and Size 4 shows compliance of the above mentioned requirements except for lever for folding mechanism.

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1 Introduction

1.1 Purpose

The tests have been performed in order to judge whether or not the products meet requirements of the International standard ISO 11199-2 ^[1], the International standard ISO 11199-3 ^[2] and the European standard EN 12182 ^[3].

1.2 Description of the sample(s)

General	
Manufacturer	Schuchmann®
Trademark	Schuchmann

Table 1: Description of the sample(s)

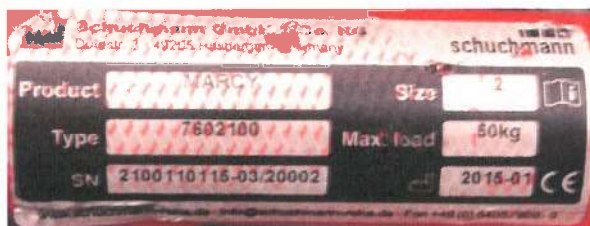
Sample number	Type	Version	Serial number
MT15.39156.01	Marcy	Size 0	2100110115-01/20002
MT15.39156.02	Marcy	Size 1	2100110115-02/20002
MT15.39156.03	Marcy	Size 2	2100110115-03/20002
MT15.39156.04	Malte	Size 1	2100030115-01/20002
MT15.39156.05	Malte	Size 2	2100030115-02/20002
MT15.39156.06	Malte (outdoor)	Size 3	2100070115-01/20002
MT15.39156.07	Malte	Size 3	2100030115-03/20002
MT15.39156.08	Malte	Size 4	2100030115-04/20002
MT15.39156.09	Malte	Size 3	737011410109
MT15.39156.10	Malte	Size 4	Not labelled



Picture 1: product label Marcy Size 0



Picture 2: product label Marcy Size 1



Picture 3: product label Marcy Size 2



Picture 4: product label Malte Size 1



Picture 5: product label Malte Size 2



Picture 6: product label Malte Size 3 (outdoor)



Picture 7: product label Malte Size 3



Picture 8: product label Malte Size 4

For a more detailed description of the sample(s) is referred to Annex A.

The samples were delivered on 25 February, 2015.

The delivered samples were test worthy.

1.3 Sampling procedure

The samples have been submitted by the manufacturer.

The test house has had no influence on the selection of the samples.

1.4 Application

The request for testing was submitted by BEO Medconsulting Berlin GmbH, on January 28, 2015. Order number: 39156.

The request for partial re-testing was submitted by BEO Medconsulting Berlin GmbH, on September 7, 2015. Lead number: 76818.

1.5 Method of testing

All applicable tests have been performed according to the International standard ISO 11199-2 ^[1], the International standard ISO 11199-3 ^[2] and the European standard EN 12182 ^[3].

2 Test results

Test results after performing all applicable tests according to the standard ISO 11199-2 ^[1].

Par.	Headline	Assessment (pass/Fail/N.a.)
4	Requirements	
4.1	Manoeuvrability	Pass
4.2	Stability	Pass
4.3	Brakes	Pass
4.4	Handgrip	Pass
4.5	Leg section and tip	Pass
4.6	Resting seat	Pass
4.7	Mechanical durability	Pass
4.8	Adjusting devices	Pass
4.9	Folding mechanism	Pass
4.10	Adjustment and handles	Pass
4.11	Materials and finish	Pass
6	Information supplied by the manufacturer	Pass

For detailed results is referred to Appendix C.

Test results after performing all applicable tests according to the standard ISO 11199-3 ^[2].

Par.	Headline	Assessment (pass/Fail/N.a.)
4	Requirements	
4.1	Stability	Pass
4.2	Brakes	Pass
4.3	Mechanical durability	Pass
4.4	Manoeuvrability	Pass
4.5	Handgrip	Pass

4.6	Leg section and tip	Pass
4.7	Adjusting devices	Pass
4.8	Resting seat	Pass
4.9	Materials and finish	Pass
4.10	Marking and labelling	Pass
6	Information supplied by the manufacturer	Pass

For detailed results is referred to Appendix C.

Test results after performing all applicable tests according to the standard EN12182 ^[3].

Par.	Headline	Assessment (pass/Fail/N.a.)
4	General requirements	Pass
5	Materials	Pass
6	Emitted sound and vibration	Pass
7	Electromagnetic compatibility	n.a.
8	Electrical safety	n.a.
9	Overflow, spillage, leakage and ingress of liquids	Pass
10	Surface temperature	Pass
11	Sterility	n.a.
12	Safety of moving parts	Pass
13	Prevention of traps for parts of the human body	Pass
14	Folding and adjusting mechanisms	Pass
15	Carrying handles	Pass
16	Assistive products which support or suspend users	Pass
17	Potable and mobile assistive products	n.a.
18	Surface, corners, edges and protruding parts	Pass

19	Hand held assistive products	n.a.
20	Small parts	Pass
21	Stability	Pass
22	Forces in soft tissues of the human body	Pass
23	Ergonomic principles	Pass Except for lever for folding mechanism
24	Requirements for information supplied by the manufacturer	Pass

3 Conclusion

The rollator, trademark Schuchmann, type Marcy, version: Size 0, Size 1 and Size 2 and the rollator, trademark: Schuchmann®, type: Malte, version(s): Size 0, Size 1, Size 2, Size 3 and Size 4, meets the requirements as stated in the International standard ISO 11199-2 ^[1], the International standard ISO 11199-3 ^[2] and the European standard EN 12182 ^[3] except for lever folding mechanism.

The test results exclusively relate to the inspected object.

4 References

- 1 International standard ISO 11199-2:2005,
Walking aids manipulated by both arms - Requirements and test methods - Part 2: Rollators,
(ISO 11199-2:2005, IDT),
ISO, International Organization for Standardization, Geneva, Switzerland.
- 2 International standard ISO 11199-3:2005,
Walking aids manipulated by both arms - Requirements and test methods - Part 3: Walking
tables,
ISO, International Organization for Standardization, Geneva, Switzerland.
- 3 European standard EN 12182:2012,
Assistive products for persons with disability - General requirements and test methods.
CEN/CENELEC, International Organization for Standardization, Brussels, Belgium.

5 Signature

Author	Signature
Mr. M.J.H. Braun, B.E. Project Manager	
Expert medical products	
Approved by	Signature
Mr. T.W.J. Zandvliet	
Expert medical products	