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## Technical Report No. 713034203

Revision: 0

dated 2014-04-23

Client: Invacare Deutschland GmbH  
Kleiststrasse 49  
  
32457 Porta Westfalica

Manufacturing place: Invacare Deutschland GmbH  
Kleiststrasse 49  
  
32457 Porta Westfalica

Test object: Type / model: Pronto M41  
Classification acc. to. DIN EN ISO 9999: 2007 12 23 06  
Class of use: A  
Max. user weight: 136 kg

Test specifications: EN 12184: 2009

Purpose of examination: Testing according to the test specifications.

Test result: The test results show that the presented product is in compliance with the specified requirements.

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## 1 Description of the test subject

The electrically driven wheelchair type "Pronto M41" presented for testing is designed to operate in an indoor environment. The seat inclination, the height adjustment, and the back rest of the "Modulite" Seat System are electrically adjustable. The electrically driven wheelchair can be controlled via the joystick module of the DX2 controller.



### 1.1 Technical Data

Test subject:	Electrically driven wheelchair
Model:	Pronto M41
Class of use:	A
Total height:	1100 mm- 1400 mm
Total length:	1030 mm
Total width:	640 mm
Obstacle height:	50 mm
Max. speed:	6.4 km/h
Max. load:	136 kg
Max. safe slope:	6°
Driving motor:	Invacare, type: M-41 motor LT / RT(24 V <sub>DC</sub> )
Motor for adjustable seat height	REAC; type: LTS0011 / - (24 V <sub>DC</sub> ; 200 kg) Serial No: 000065
Motor for adjustable backrest	LINAK; type: LA23 (24 V <sub>DC</sub> ; 2.3 A; 1500 N) Serial: 2363111000100B4
Drive of the adjustment of the seat angle:	REAC; type: LTS0011 / - (24 V <sub>DC</sub> ; 200 kg) Serial No: 000065



Product Service

Power electronics:	Dynamic Controls Ltd, type: DX2-PMA70 Dynamic Controls Ltd, type: DX2-REM550 Dynamic Controls Ltd, type: DX2-ACT4
Batteries:	2x MK battery, type: 8AU1H-DEKA (12 V <sub>DC</sub> ; 37 Ah) 2x MK battery, type: MU-1 SLD G (12 V <sub>DC</sub> ; 36 Ah) 2x SAIL, type: 6-GFM-33AH (12 V <sub>DC</sub> ; 33 Ah)
Battery charger:	CTE Corporation, model: BAT-GCO812, 24 VDC, 8 A

## 2 Order

### 2.1 Date of Purchase Order

The testing of the Pronto M41 has been carried out per purchase order of Invacare Deutschland GmbH dated at 2013-12-03.

### 2.2 Date of Receipt of Test Subject

The testing has been performed at TÜV SÜD Product Service, Masurenweg 1-3, D-30163 Hanover. The test subject was delivered to the test laboratory on 2014-02-25 (HAN-138555).

## 3 Revision History

Rev. 0: Initial Version

## 4 Remarks

### 4.1 General remarks

Motorised wheelchairs are motor vehicles according to the traffic law (§1, chapter 2). Wheelchairs which shall be operated on public roads have to fulfil the requirements of the German Traffic Law (StVZO), of the Road Traffic Regulations (StVO) as well as of the FZV (Fahrzeugzulassungsverordnung). This also applies to motorized wheelchairs with a design-related maximum speed of 6 km/h (see also §18 StVZO, explanation 1).

### 4.2 Remarks to user manual

The user manual has been examined according to the minimum requirements described in the product standard. The manufacturer is responsible for the accuracy of further particulars as well as of the composition and layout.

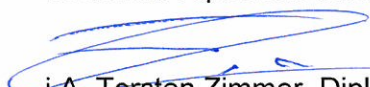


Product Service

## 5 Summary

The test results show that the presented product is in compliance with the specified requirements.

TÜV SÜD Product Service GmbH  
Technical report checked:

  
i.A. Torsten Zimmer, Dipl.-Ing.  
Department Rehabilitation

TÜV SÜD Product Service GmbH  
Project Manager

  
i.A. Michael Kese, Dipl.-Ing.  
Rehabilitation