


Assessment Sheet no. 1723

FORCE Technology client Rehab Care DK ApS Avnvej 10 7400 Herning Denmark	FORCE Technology project no. 117-36731
Product identification An ErGo-Tilt 4000 Toilet- and Shower Chair, model no. HMI - no. 108696 has been subjected to a customer designed IPX9 tightness test as described in the test report below. The ErGo-Tilt 3000, model no. HMI - no. 107344 and ErGo-Tilt 5000, model no. TS-36000 have been evaluated regarding the electronic modules and the IPX9 requirements.	
FORCE Technology report(s) Customer designed IPX9 tightness test Rehab Care DK Report no.: 117-36731-1 Dated 2018-05-14	
Other document(s) Declaration about similarities on ErGo-Tilt models Issued by Rehab Care DK on 2018-07-02 (see enclosed document)	
Conclusion FORCE Technology has tested the ErGo-Tilt 4000 Toilet- and Shower Chair, model no. HMI - no. 108696 and found that the electronic modules (Actuators and Control & Battery Box) fulfil the given customized IPX9 requirements. The customized requirements are based on the standard IPX9 requirements defined in IEC 60529:2103, but the water temperature was increased to +85 °C (i.e. higher than the standard requirement of +80 °C). The different ErGo-Tilt chairs has unique features and capabilities and thus, a different overall mechanical design. But the ErGo-Tilt 3000 and ErGo-Tilt 5000 are using the same Actuators and Control & Battery box as the ErGo-Tilt 4000. The numbers of actuators on the 3 listed ErGo-Tilt models are not the same, but it is the same type of actuators. FORCE Technology has assessed the differences of the 3 listed ErGo-Tilt models, and concludes that the tested ErGo-Tilt 4000 is typical representative in terms of the electronic modules (Actuators and Control & Battery Box) regarding the given customized IPX9 requirements. Therefore, the listed variants all comply with the normative reference IEC 60529: 2013, IPX9 with increased water temperature with reference to the Actuators and the Control & Battery Box.	
Date Hørsholm, 5 July 2018	Assessor  Kim Albert Schmidt Specialist, Product Compliance, Engineering

To whom it may concern

Declaration about similarities on ErGo Tilt models

Our ErGo-Tilt 4000 Toilet- and shower chair, model no. HMI-no. 108696 have been subjected to a customer designed IPX9 tightness test

(Ref. test report 117-36731-1 issued by FORCE Technology on 2018-05-14)

As designers and producers of the ErGo Tilt Toilet- and shower chairs we declare similarities between our different models as follows:

- The ErGo-Tilt 3000, HMI-no. 107344. and ErGo-Tilt 5000, item no. TS-36000. are using the same electronic modules as tested with the ErGo-Tilt 4000 chair.
- The electronic modules in concern regarding the IPX9 requirements are: Actuators and Control & Battery Box
- The numbers of actuators are not the same on all models (but it is the same actuator that is used, just in different numbers)

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Director, Martin Gam



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