


Test Report

LIFT-UP ARM SUPPORT FOR HORIZ.
TRACK, HEIGHT/SIDEWAYS ADJUST.
(21-143-*)

Issue 08/08/2016	Approval 
---------------------	---

§1 – Producer:

Company name:	Address:
Profilo Smart Ltd.	GEC, Taylor's Lane, D08, Dublin, Ireland

§ 2 – Product Details

Article Code	Description
21-143-*	Lift-up arm support for horiz. track, height/sideways adjust.

§ 3 – Product Description

The Arm Support with spring and locking system is an aluminium and plastic arm support with an adjustable height of 270 mm, which is mounted on a 500 mm vertical track which fits for horizontal track.

§ 4 – Accessories and components of a sale kit (appendix VII, section 3, 1st paragraph)

The following accessories are not supplied with the Arm support height adjustable for horizontal track but may be purchased separately:

25-101-* Toilet paper holder for arm support

§ 5 – Classification

This article belongs to class I of the medical devices since it is not invasive and not active.

§ 6 – Norms and technical specs. Applied to the design.

Norm/Specs	Description	Ed./
EN 14971	Medical devices - risk analysis	2012
EN 12182	Technical aids for disabled persons - General requirements and test methods	2012

§ 7 – Test Report

AIM

Test the maximum loading weight.

EVALUATION METHODS

Place the support system in the position it uses less favorable among those planned.

Apply to the surface of support in the most unfavorable load test corresponding to 1.5 times the maximum rated load provided by the manufacturer (including any accessories) with a tolerance of +5/-0%, so as to ensure that the load dynamic is negligible.

Keep the test load applied for a time between 60 and 70 seconds.

Remove the test load and verify whether the aid was damaged and if it works in satisfactorily.

NORMAL SETTING

The arm support is mounted on the vertical track, which is mounted on the horizontal track. The horizontal track is mounted on the wall at 1 mt from the floor. The arm support is locked at the top of the vertical track.



TEST PROCEDURE

Apply the weight on the arm support front part and keep it for 70 seconds, then remove it and check the deformation or breakage of the arm support.



RESULTS

Test n° 1

Weight	Deformation / Breakage	equipment
120 kg.	Slight downward flexion, 3 cm on the front part	perfectly



Test n° 2

Weight	Deformation / Breakage	equipment
140 kg.	Slight downward flexion, 3.5 cm on the front part	perfectly



Test n° 3

Weight	Deformation / Breakage	equipment
160 kg.	Downward flexion, 4.5 cm on the front part	perfectly



Test n° 4

Weight	Deformation / Breakage	equipment
180 kg.	Downward flexion, 5 cm on the front part	perfectly



Test n° 5

Weight	Deformation / Breakage	equipment
200 kg.	Downward flexion, 5.5 cm on the front part	perfectly



Maximum rated load: 133,33 kg.

After the test, remove the weight.

Test n° 6

Weight	Deformation / Breakage	equipment
0 kg.	The arm support returns to the initial position.	perfectly

