

Test Report

Report No: GZES131001044831

Date: 2013-10-31

Applicant : HMM Diagnostis GmbH
Friedrichstrasse 89-91, D-69221 Dossenheim, Germany

Manufacturing location : Same as applicant

Test object : Move

Model : D45420, D45425, D45428

Test specifications / Test standard : IPX4 of IEC 60529:1989 + A1:1999 and EN60529:1991 + A1:2000

Purpose of examination : Test according to the test specification.

Test result : In the opinion of SGS-CSTC the presented unit was found to be in compliance with the test specification.

Remark : None



Ryan Li

Ryan Li
Project Reviewer
Safety Laboratory

Loga Lao

Loga Lao
Project Engineer

1. Function / Description :

Move is a portable, electronic motion sensing device, specialized in detection and counting steps a person takes, for medical, fitness or personal or institutional use.

2. Test :

The test was done in the Electrical Safety Laboratory of SGS-CSTC in Guangzhou.

These tests fulfil the requirements of standard ISO/IEC 17025.

When determining the test conclusion, the Measurement Uncertainty of test has been considered.

Model Difference:

All models are identical in physical and mechanical construction, except with different model number for trading purpose.

After review, model D45420 was selected for test as representative.

Test condition:

Before the test, the sample was installed according to normal using condition.

Oscillating tube has spray holes over the whole 180° of the semicircle

The tube is caused to oscillate through an angle of almost 360°, 180° on either side of the vertical, the time for one complete oscillation ($2 \times 360^\circ$) being about 12 s.

Test duration: 10 min

After IPX4 test, there is no water in the specimen, no hazard.

Possible test case verdicts:

Test case does not apply to the test object : N/A (or N)

Test item does meet the requirement : P(ass)

Test item does not meet the requirement : F(ail)

Testing :

Date of receipt of test item : 2013-10-28

Date(s) of performance of tests : 2013-10-30

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Clause	Requirement	Remarks	Verdict
1	Scope and object		--
2	Normative reference		--
3	Definitions		--
4	Designations		--
5	Degrees of protection against access to hazardous parts and against solid foreign objects indicated by the first characteristic numeral		N/A
6	Degrees of protection against ingress of water indicated by the second characteristic numeral		P
7	Degrees of protection against access to hazardous parts indicated by the additional letter		N/A
8	Supplementary letter		N/A
9	Examples of designations with the IP code		N/A
10	Marking		N/A
11	General test requirements		P
12	Test for protection against access to hazardous parts indicated by the first characteristic numeral		N/A
13	Test for protection against solid foreign objects indicated by the first characteristic numeral		N/A
14	Test for protection against water indicated by the second characteristic numeral	IPX4	P
15	Test for protection against access to hazardous parts indicated by the additional letter		N/A

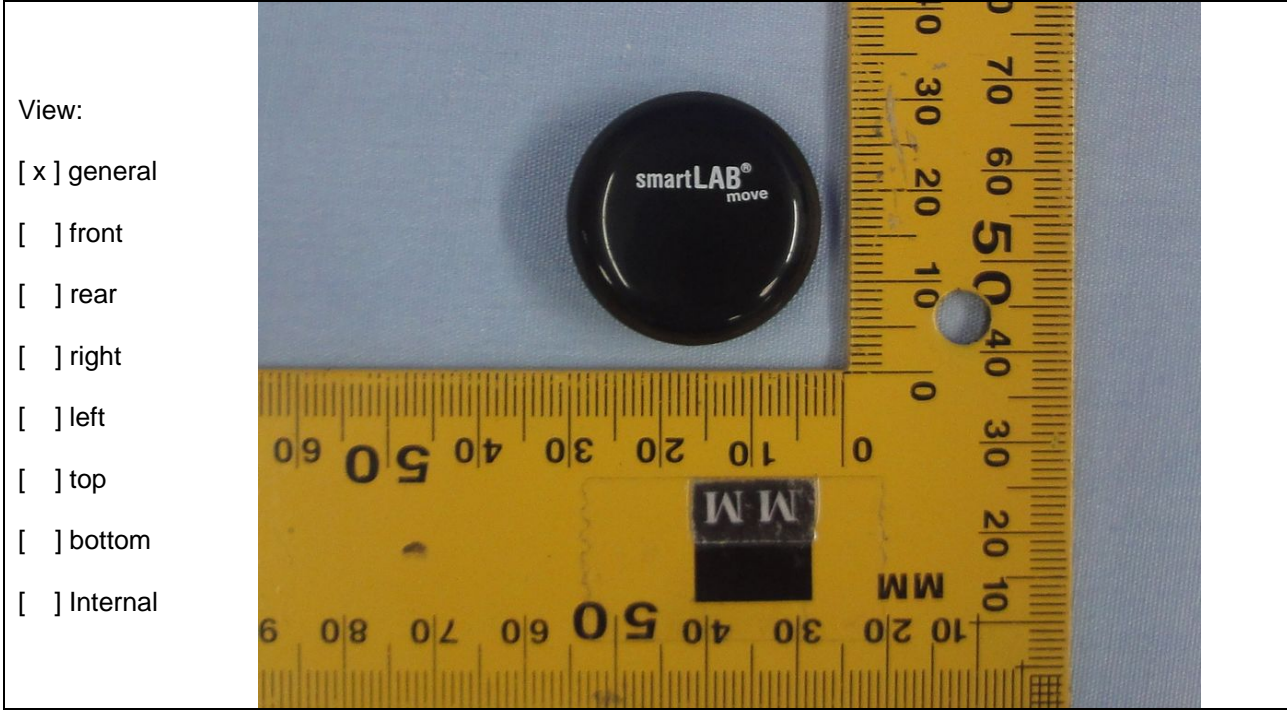
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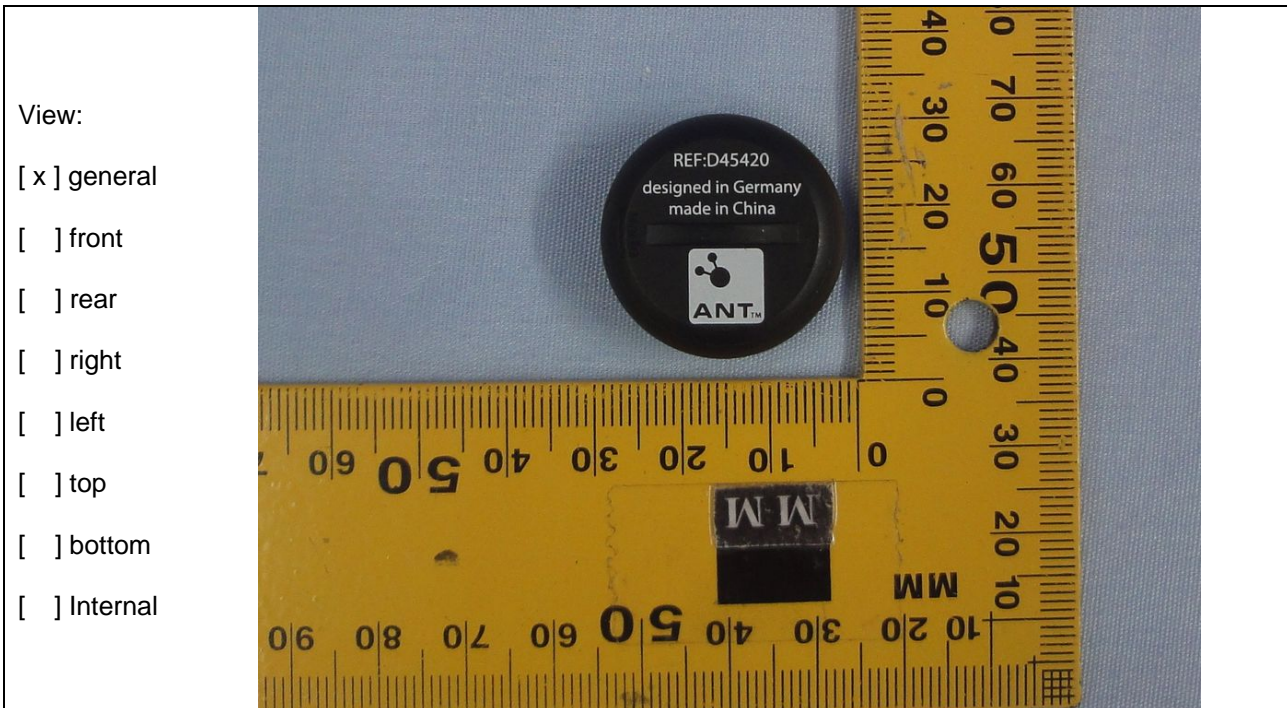
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3. Photo document

Details of: Before IPX4 test



Details of: Before IPX4 test



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Details of: After IPX4 test



Details of: After IPX4 test



--- End of Report ---