

Test Report

Laboratory

Accredited Test

(DATech) e.V.
DAR-Reg.No.: DAT-P-087/99-12

The test results relate only to the items as mentioned below.
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Test

Sealing Test respectively Test of Degree of Protection Provided by Enclosure

Test Basis / Specification

Customer Requirements following DIN EN 60529/VDE 0470 part 1

Unit under Test (UUT)	Type Designation	Identification No.
housing	uniDESK case	M5330115

Client	Manufacturer
ERW Ingenieurbüro Harburger Str 5 D-94431 Pilsting-Peigen	OKW ENCLOSURES LTD. Unit 6, Kingdom Close Segensworth East Fareham, Hampshire, PO15 5TJ

Test Engineer	Receipt of UUT date	Test Date / Period of Time
R.Knapp	06.02.02	27.02.02

edited signature

verified signature


Rolf Knapp


Wolfgang Jakobi

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1 **Integrated Test Documentation**

not applicable

2 **Test Equipment**

equipment	type	manufacturer
dust chamber with vertical flow	1000 ST	Weiss
oscillating tube	nozzle distribution 180 °	own construction

3 **Test Procedure**

3.1 **Unit under Test**

The unit under test is an empty housing for desk or table use.

3.2 **Test Specification**

3.2.1 IP 5X - housing of category 1

Housing of UUT connected to a vacuum pump with a low air pressure at 2 kPa (20 mbar).
Test duration: 8 h; flow rate of air volume < 40-fold per h

3.2.2 IP X4

water flow rate: 10 l/min ± 5%
oscillating tube: R = 600 mm
tube oscillating angle: ± 180°
test duration: 10 min

3.3 **Test Sequence**

item	test	test dates	notes
1	protection against solid bodies	27.02.02	No dust detected
2	protection against water	27.02.02	No water detected

4 ***Test Result***

The unit under test was opened. Visually no penetration of either dust nor water was noted.

5 ***Legend of the Measuring Diagrams***

not applicable

6 Photo Documentation

UUT, closed, front-view



UUT, closed, rear-view



UUT inside, no water, no dust detected.

