

Prüfbericht-Nr.: Test report no.:	CN243PS7 001	Auftrags-Nr.: Order no.:	326000130 10	Seite 1 von 6 Page 1 of 6
Kunden-Referenz-Nr.: Client reference no.:	/	Auftragsdatum: Order date:	2024.02.19	
Auftraggeber: Client:	NINGBO AOKE OFFICE EQUIPMENT CO.,LTD RM1603 CHINA-BASE BUILDING SOUTH CBD YINZHOU DISTRICT, NINGBO, ZHEJIANG			
Prüfgegenstand: Test item:	Electric lift table			
Bezeichnung / Typ-Nr.: Identification / Type no.:	AK2YJYT-YZB3-M02			
Auftrags-Inhalt: Order content:	Mechanical safety test			
Prüfgrundlage: Test specification:	EN 527-2:2016+A1:2019 EN 1730:2012			
Wareneingangsdatum: Date of sample receipt:	2024.02.19			
Prüfmuster-Nr.: Test sample no.:	A003664193-002			
Prüfzeitraum: Testing period:	2024.02.19 - 2024.03.20			
Ort der Prüfung: Place of testing:	Rm.103, Bld.17, No.2255 Yueluo Rd. Shanghai			
Prüflaboratorium: Testing laboratory:	TUV Rheinland (Shanghai) Co., Ltd.			
Prüfergebnis*: Test result*:	Pass			
geprüft von: tested by:			genehmigt von: authorized by:	
Datum: Date:	2024.04.30		Ausstellungsdatum: Issue date:	2024.04.30
Stellung / Position:	Min Wu / PE		Stellung / Position:	Sean Yuan / Reviewer
Sonstiges / Other:	Information for use was not provided and covered in the report. Manufacture: NINGBO GLOBAL INTELLIGENT TECHNOLOGY CO.,LTD Address: SCIENCE AND TECHNOLOGY PARK JIANSHANG TOWN YINZHOU DISTRICT NINGBO ZHEJIANG			
Zustand des Prüfgegenstandes bei Anlieferung: Condition of the test item at delivery:	Prüfmuster vollständig und unbeschädigt Test item complete and undamaged			
* Legende:	P(ass) = entspricht o.g. Prüfgrundlage(n)	F(ail) = entspricht nicht o.g. Prüfgrundlage(n)	N/A = nicht anwendbar	N/T = nicht getestet
* Legend:	P(ass) = passed a.m. test specification(s)	F(ail) = failed a.m. test specification(s)	N/A = not applicable	N/T = not tested
Dieser Prüfbericht bezieht sich nur auf das o.g. Prüfmuster und darf ohne Genehmigung der Prüfstelle nicht auszugsweise vervielfältigt werden. Dieser Bericht berechtigt nicht zur Verwendung eines Prüfzeichens. <i>This test report only relates to the above mentioned test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any test mark.</i>				

Prüfbericht-Nr.: CN243PS7 001
Test report no.:

Seite 2 von 6
Page 2 of 6

Anmerkungen
Remarks

1	Alle eingesetzten Prüfmittel waren zum angegebenen Prüfzeitraum gemäß eines festgelegten Kalibrierungsprogramms unseres Prüfhauses kalibriert. Sie entsprechen den in den Prüfprogrammen hinterlegten Anforderungen. Die Rückverfolgbarkeit der eingesetzten Prüfmittel ist durch die Einhaltung der Regelungen unseres Managementsystems gegeben. Detaillierte Informationen bezüglich Prüfkonditionen, Prüfequipment und Messunsicherheiten sind im Prüflabor vorhanden und können auf Wunsch bereitgestellt werden. <i>The equipment used during the specified testing period was calibrated according to our test laboratory calibration program. The equipment fulfils the requirements included in the relevant standards. The traceability of the test equipment used is ensured by compliance with the regulations of our management system. Detailed information regarding test conditions, equipment and measurement uncertainty is available in the test laboratory and could be provided on request.</i>
2	Wie vertraglich vereinbart, wurde dieses Dokument nur digital unterzeichnet. Der TÜV Rheinland hat nicht überprüft, welche rechtlichen oder sonstigen diesbezüglichen Anforderungen für dieses Dokument gelten. Diese Überprüfung liegt in der Verantwortung des Benutzers dieses Dokuments. Auf Verlangen des Kunden kann der TÜV Rheinland die Gültigkeit der digitalen Signatur durch ein gesondertes Dokument bestätigen. Diese Anfrage ist an unseren Vertrieb zu richten. Eine Umweltgebühr für einen solchen zusätzlichen Service wird erhoben. Informationen zur Verifizierung der Authentizität unserer Dokumente erhalten Sie auf folgender Webseite: go.tuv.com/digital-signature <i>As contractually agreed, this document has been signed digitally only. TUV Rheinland has not verified and unable to verify which legal or other pertaining requirements are applicable for this document. Such verification is within the responsibility of the user of this document. Upon request by its client, TUV Rheinland can confirm the validity of the digital signature by a separate document. Such request shall be addressed to our Sales department. An environmental fee for such additional service will be charged. For information on verifying the authenticity of our documents, please visit the following website: go.tuv.com/digital-signature</i>
3	Prüfklausel mit der Note * wurden an qualifizierte Unterauftragnehmer vergeben und sind unter der jeweiligen Prüfklausel des Berichts beschrieben. Abweichungen von Prüfspezifikation(en) oder Kundenanforderungen sind in der jeweiligen Prüfklausel im Bericht aufgeführt. <i>Test clauses with remark of * are subcontracted to qualified subcontractors and described under the respective test clause in the report. Deviations of testing specification(s) or customer requirements are listed in specific test clause in the report.</i>
4	Die Entscheidungsregel für Konformitätserklärungen basierend auf numerischen Messergebnissen in diesem Prüfbericht basiert auf der "Null-Grenzwert-Regel" und der "Einfachen Akzeptanz" gemäß ILAC G8:2019 und IEC Guide 115:2021, es sei denn, in der auf Seite 1 dieses Berichts genannten angewandten Norm ist etwas anderes festgelegt oder vom Kunden gewünscht. Dies bedeutet, dass die Messunsicherheit nicht berücksichtigt wird und daher auch nicht im Prüfbericht angegeben wird. Zu weiteren Informationen bezüglich des Risikos durch diese Entscheidungsregel siehe ILAC G8:2019. <i>The decision rule for statements of conformity, based on numerical measurement results, in this test report is based on the "Zero Guard Band Rule" and "Simple Acceptance" in accordance with ILAC G8:2019 and IEC Guide 115:2021, unless otherwise specified in the applied standard mentioned on Page 1 of this report or requested by the customer. This means that measurement uncertainty is not taken in account and hence also not declared in the test report. For additional information to the resulting risk based of this decision rule please refer to ILAC G8:2019.</i>

Prüfbericht-Nr.: CN243PS7 001
Test report no.:

Seite 3 von 6
Page 3 of 6

Produktbeschreibung
Product description

1	Produktdetails Product details	Electric lift table
2	Maße / Gewicht Dimensions / Weight	H x W x D: 658/1311 x 1402 x 701 mm, weight: 47.77 kg
3	Bedienelemente Operating elements	/
4	Ausstattung / Zubehör Equipment / Accessories	/
5	Verwendete Materialien Used materials	/
6	Sonstiges Other	Test sample(s), as well sample information, description, product details and intended usage was provided by customer.
7	Prüfmusterbereitstellung: Test sample obtaining	☒ Sending by customer ☐ Sampling by TÜV Rheinland Group ☐ others:

Front view



Side view



Back view



Bottom view



Prüfbericht-Nr.: CN243PS7 001
Test report no.:

Absatz <i>Clause</i>	Anforderungen - Prüfungen / <i>Requirements - Tests</i>	Messergebnisse – Bemerkungen / <i>Measuring results - Remarks</i>	Ergebnis <i>Result</i>
--------------------------------	---	---	----------------------------------

EN 527-2:2016+A1:2019 Office furniture – Work tables – Part 2: Safety, strength and durability requirements

1	Scope		
2	Normative references		
3	Terms and definitions		
4	Safety requirements		
4.1	General		P
4.2	Shear and squeeze points		/
4.2.1	Shear and squeeze points when setting and folding		P
4.2.2	Shear and squeeze points under influence of powered mechanism		P
4.2.3	Shear and squeeze points during use		P
4.3	Stability requirements	Refer to test 10 and 11 of Table 1	/
(10)	Stability under vertical load (EN 1730:2012, cl.7.2)		P
(11)	Stability for work tables extension elements (EN 1730:2012, cl.7.3)		N/A
4.4	Structural safety requirements	Refer to cl. 5.2	P
5	Strength and durability		
5.1	General	Refer to below clause(s) & test 1 to 9 of Table 1	/
(1)	Durability of height adjustment mechanisms (EN 1730:2012, cl.8)		P
(2.1)	Horizontal static load test (EN 1730:2012, cl.6.2)		P
(2.2)	Additional horizontal static load test for adjustable tables with a height more than 950 mm (EN 1730:2012, cl.6.2)		P
(3.1)	Vertical static load test (EN 1730:2012, cl.6.3.1)		P
(3.2)	Additional vertical static load test for adjustable tables with a height more than 950 mm (EN 1730:2012, cl.6.3.1)		P
(4)	Horizontal durability test (EN 1730:2012, cl.6.4.1 and cl. 6.4.2)		P
(5)	Stiffness of structure (EN 1730:2012, cl.6.4.1 and cl. 6.4.3)		P
(6)	Vertical durability test (EN 1730:2012, cl.6.5)		P
(7)	Durability of tables with casters (EN 1730:2012, cl.6.8)		N/A
(8)	Vertical impact test (EN 1730:2012, cl.6.6)		P
(9)	Drop test (EN 1730:2012, cl.6.9)		P

Prüfbericht-Nr.: CN243PS7 001

Seite 5 von 6

Test report no.:

Page 5 of 6

Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result																																														
5.2	Requirements		/																																														
6	Instruction for use Instruction for use shall be available in the language of the country in which it will be available to the end user. It shall contain at least the following details: Information regarding intended use Instruction for operating the adjusting mechanisms Instruction for the care and maintenance of the table		N/T																																														
7	Test report																																																
/	Annex A (informative) Test for the deflection of table tops		/																																														
/	Annex B (informative) Stiffness of the structure - example																																																
/	Table 1 — Test sequence and parameters <table> <tr> <th>Tests</th><th>Reference</th><th>Parameters</th><th>Value</th></tr> <tr> <td rowspan="2">1. Durability of height adjustment mechanisms^d</td><td rowspan="2">EN 1730:2012, 8</td><td>Minimum mass on the table top, kg: Location of the centre of the loading point and loading on the table top: - A: 20 kg at 200 mm from the front and side edges. The remaining load shall be at the geometric centre of the table top (25 % of the cycles); - B: 50 kg or the maximum load specified shall be at the geometric centre of the table top (50 % of the cycles); - C: 20 kg positioned at a rear corner 200 mm from the rear edge and the side edge. The remaining load shall be at the geometric centre of the table top (25 % of the cycles) </td><td>50^c</td></tr> <tr> <td>cycles:</td><td>5000</td></tr> <tr> <td rowspan="2">2.1. Horizontal static load test^a</td><td rowspan="2">EN 1730:2012, 6.2</td><td>Load on the table top, kg:</td><td>50</td></tr> <tr> <td>Specified force, N:</td><td>450</td></tr> <tr> <td rowspan="2">2.2. Additional horizontal static load test for adjustable tables with a height more than 950 mm^b</td><td rowspan="2">EN 1730:2012, 6.2</td><td>Minimum specified force, N:</td><td>300</td></tr> <tr> <td>Cycles</td><td>10</td></tr> <tr> <td rowspan="2">3.1 Vertical static load tests^a</td><td rowspan="2">EN 1730:2012, 6.3.1</td><td>Load on the table top, kg:</td><td>50</td></tr> <tr> <td>Moment, Nm:</td><td>285</td></tr> <tr> <td rowspan="2">3.2 Additional vertical static load test for adjustable tables with a height more than 950 mm^b</td><td rowspan="2">EN 1730:2012, 6.3.1</td><td>Cycles</td><td>10</td></tr> <tr> <td>Force, N</td><td>1 000</td></tr> <tr> <td rowspan="2">4. Horizontal durability test^a</td><td rowspan="2">EN 1730:2012, 6.4.1, 6.4.2</td><td>Cycles</td><td>10</td></tr> <tr> <td>Force, N</td><td>500</td></tr> <tr> <td rowspan="2"></td><td rowspan="2"></td><td>Load on the table top, kg:</td><td>50</td></tr> <tr> <td>Cycles:</td><td>10 000</td></tr> </table>			Tests	Reference	Parameters	Value	1. Durability of height adjustment mechanisms ^d	EN 1730:2012, 8	Minimum mass on the table top, kg: Location of the centre of the loading point and loading on the table top: - A: 20 kg at 200 mm from the front and side edges. The remaining load shall be at the geometric centre of the table top (25 % of the cycles); - B: 50 kg or the maximum load specified shall be at the geometric centre of the table top (50 % of the cycles); - C: 20 kg positioned at a rear corner 200 mm from the rear edge and the side edge. The remaining load shall be at the geometric centre of the table top (25 % of the cycles)	50 ^c	cycles:	5000	2.1. Horizontal static load test ^a	EN 1730:2012, 6.2	Load on the table top, kg:	50	Specified force, N:	450	2.2. Additional horizontal static load test for adjustable tables with a height more than 950 mm ^b	EN 1730:2012, 6.2	Minimum specified force, N:	300	Cycles	10	3.1 Vertical static load tests ^a	EN 1730:2012, 6.3.1	Load on the table top, kg:	50	Moment, Nm:	285	3.2 Additional vertical static load test for adjustable tables with a height more than 950 mm ^b	EN 1730:2012, 6.3.1	Cycles	10	Force, N	1 000	4. Horizontal durability test ^a	EN 1730:2012, 6.4.1, 6.4.2	Cycles	10	Force, N	500			Load on the table top, kg:	50	Cycles:	10 000
Tests	Reference	Parameters	Value																																														
1. Durability of height adjustment mechanisms ^d	EN 1730:2012, 8	Minimum mass on the table top, kg: Location of the centre of the loading point and loading on the table top: - A: 20 kg at 200 mm from the front and side edges. The remaining load shall be at the geometric centre of the table top (25 % of the cycles); - B: 50 kg or the maximum load specified shall be at the geometric centre of the table top (50 % of the cycles); - C: 20 kg positioned at a rear corner 200 mm from the rear edge and the side edge. The remaining load shall be at the geometric centre of the table top (25 % of the cycles)	50 ^c																																														
		cycles:	5000																																														
2.1. Horizontal static load test ^a	EN 1730:2012, 6.2	Load on the table top, kg:	50																																														
		Specified force, N:	450																																														
2.2. Additional horizontal static load test for adjustable tables with a height more than 950 mm ^b	EN 1730:2012, 6.2	Minimum specified force, N:	300																																														
		Cycles	10																																														
3.1 Vertical static load tests ^a	EN 1730:2012, 6.3.1	Load on the table top, kg:	50																																														
		Moment, Nm:	285																																														
3.2 Additional vertical static load test for adjustable tables with a height more than 950 mm ^b	EN 1730:2012, 6.3.1	Cycles	10																																														
		Force, N	1 000																																														
4. Horizontal durability test ^a	EN 1730:2012, 6.4.1, 6.4.2	Cycles	10																																														
		Force, N	500																																														
		Load on the table top, kg:	50																																														
		Cycles:	10 000																																														

Prüfbericht-Nr.: CN243PS7 001
Test report no.:

Seite 6 von 6
Page 6 of 6

Absatz Clause	Anforderungen - Prüfungen / Requirements - Tests	Messergebnisse – Bemerkungen / Measuring results - Remarks	Ergebnis Result																																				
	<table border="1"> <thead> <tr> <th>Tests</th><th>Reference</th><th>Parameters</th><th>Value</th></tr> </thead> <tbody> <tr> <td>5. Stiffness of the structure ^a</td><td>EN 1730:2012, 6.4.1 and 6.4.3</td><td>Load on the table top, kg: Force, N:</td><td>20 ^f 200 ^{A1}</td></tr> <tr> <td>6. Vertical durability test ^a</td><td>EN 1730:2012, 6.5</td><td>Force, N: Cycles:</td><td>400 10 000</td></tr> <tr> <td>7. Durability of tables with castors</td><td>EN 1730:2012, 6.8</td><td>Load on the table top, kg: Cycles:</td><td>50 2 000</td></tr> <tr> <td>8. Vertical impact test ^a</td><td>EN 1730:2012, 6.6</td><td>Drop height, mm : Cycles</td><td>140 10</td></tr> <tr> <td>9. Drop test ^a</td><td>EN 1730:2012, 6.9</td><td>Nominal drop height, mm:</td><td>100</td></tr> <tr> <td>10. Stability under vertical load ^e</td><td>EN 1730:2012, 7.2</td><td>Force, N V₁ V₂</td><td>750 750</td></tr> <tr> <td>11. Stability for work tables extension elements ^e</td><td>EN 1730:2012, 7.3</td><td>Force, N</td><td>400</td></tr> <tr> <td colspan="4"> ^a Height adjustable tables shall be adjusted to their maximum height or 950 mm table top height, whichever is the lower. ^b Adjust the work table to its maximum height ^c Either minimum 50 kg or nominal load according to the manufacturer's instruction whichever is the greater ^d This test is only applicable to electrically operated height adjustment mechanisms. ^e The tests of the stability Clauses 10 and 11 may be carried out additionally at the very beginning as an option. ^f ^{A1} If the table tends to lift under the specified load, place a load in 10 kg increments in the centre of the table top until the tilting cease. The horizontal force shall not be reduced and the added load shall be recorded in the test report. ^{A1} </td></tr> </tbody> </table>	Tests	Reference	Parameters	Value	5. Stiffness of the structure ^a	EN 1730:2012, 6.4.1 and 6.4.3	Load on the table top, kg: Force, N:	20 ^f 200 ^{A1}	6. Vertical durability test ^a	EN 1730:2012, 6.5	Force, N: Cycles:	400 10 000	7. Durability of tables with castors	EN 1730:2012, 6.8	Load on the table top, kg: Cycles:	50 2 000	8. Vertical impact test ^a	EN 1730:2012, 6.6	Drop height, mm : Cycles	140 10	9. Drop test ^a	EN 1730:2012, 6.9	Nominal drop height, mm:	100	10. Stability under vertical load ^e	EN 1730:2012, 7.2	Force, N V ₁ V ₂	750 750	11. Stability for work tables extension elements ^e	EN 1730:2012, 7.3	Force, N	400	^a Height adjustable tables shall be adjusted to their maximum height or 950 mm table top height, whichever is the lower. ^b Adjust the work table to its maximum height ^c Either minimum 50 kg or nominal load according to the manufacturer's instruction whichever is the greater ^d This test is only applicable to electrically operated height adjustment mechanisms. ^e The tests of the stability Clauses 10 and 11 may be carried out additionally at the very beginning as an option. ^f ^{A1} If the table tends to lift under the specified load, place a load in 10 kg increments in the centre of the table top until the tilting cease. The horizontal force shall not be reduced and the added load shall be recorded in the test report. ^{A1}					
Tests	Reference	Parameters	Value																																				
5. Stiffness of the structure ^a	EN 1730:2012, 6.4.1 and 6.4.3	Load on the table top, kg: Force, N:	20 ^f 200 ^{A1}																																				
6. Vertical durability test ^a	EN 1730:2012, 6.5	Force, N: Cycles:	400 10 000																																				
7. Durability of tables with castors	EN 1730:2012, 6.8	Load on the table top, kg: Cycles:	50 2 000																																				
8. Vertical impact test ^a	EN 1730:2012, 6.6	Drop height, mm : Cycles	140 10																																				
9. Drop test ^a	EN 1730:2012, 6.9	Nominal drop height, mm:	100																																				
10. Stability under vertical load ^e	EN 1730:2012, 7.2	Force, N V ₁ V ₂	750 750																																				
11. Stability for work tables extension elements ^e	EN 1730:2012, 7.3	Force, N	400																																				
^a Height adjustable tables shall be adjusted to their maximum height or 950 mm table top height, whichever is the lower. ^b Adjust the work table to its maximum height ^c Either minimum 50 kg or nominal load according to the manufacturer's instruction whichever is the greater ^d This test is only applicable to electrically operated height adjustment mechanisms. ^e The tests of the stability Clauses 10 and 11 may be carried out additionally at the very beginning as an option. ^f ^{A1} If the table tends to lift under the specified load, place a load in 10 kg increments in the centre of the table top until the tilting cease. The horizontal force shall not be reduced and the added load shall be recorded in the test report. ^{A1}																																							

Remark:

- List of used test equipment could be traceable and provided separately upon request.
- Clause(s) with the symbol “ / ” in the result refers to the result(s) of its sub-clause(s).
- Detailed information regarding measurement uncertainty is available in the test laboratory(s) and could be shown on client request. Deviation report in Simplified Chinese is available on client's request.

*** END OF TEST REPORT ***