



ORANGE SQUEEZER AK/7-AUT
USER AND MAINTENANCE MANUAL



 **ATTENTION!**
READ THE USER MANUAL
BEFORE TURNING
THE APPLIANCE ON



KIOSIDIS PRIVATE COMPANY P.C., COMMERCIAL BAR EQUIPMENT

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Orange Squeezer AK/7-AUT

This user, assembly and maintenance manual
is part of the study for the conformity of the

Orange Squeezer AK/7-AUT

with the European Directives

(LVD) Low Voltage 2014/35/EU

(EMC) Electromagnetic Compatibility 2014/30/EU

(RoHS) Restriction of Hazardous Substances 2015/863/EU amending 2011/65/EU.

This manual is an integral part of the **orange squeezer AK/7-AUT** and should always be at the disposal of anyone who wishes to operate, maintain, repair or regulate the function of the appliance.

Keep this manual at a suitable place close to the appliance and make its position known to all users. In case it is destroyed or lost, you should request a copy from the manufacturer or an authorized dealer.

The manufacturer is not responsible for any problem that may occur due to improper or incorrect installation and maintenance. The orange squeezer should only be serviced by trained service technicians.

Written and published by the company



JOHNY- KIOSIDIS PRIVATE COMPANY PC.



You may find small differences between this manual and the appliance you have purchased. This is due to the continuous development of our products. If these differences cause any questions to arise, **contact** the manufacturer **promptly**.

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Orange Squeezer AK/7-AUT

1. INTRODUCTION**1.1 GENERAL**

The company "**JOHNY – KIOSIDIS PRIVATE COMPANY P.C.**" was founded in 1993 as a sole proprietorship in continuation of the previous company, in which Mr. I. Kiosidis participated and which had been operating since 1982, with a similar objective.

Basic objective of the new company is to provide customers with a complete line of professional appliances for bars that meet the high European standards as well as the requirements of today's professionals.

In 2004, the company moved to new private facilities (2,000 m²) at the 16th km of the road Thessaloniki - Serres, close to the centre of Thessaloniki, where it now operates as "**JOHNY – KIOSIDIS PRIVATE COMPANY P.C.**"

Since the company "**JOHNY – KIOSIDIS PRIVATE COMPANY P.C.**" started its activities, it has aimed at constant improvement:

- of the manufacturing quality,
- of the simplicity of operation,
- of the high performance of its appliances and mainly
- of safety.

Our numerous customers realized that and, just like you, responded positively to our endeavors and put their trust in our products. Always aiming for perfection in order to serve our customers and in accordance to the European orientation of our country, we are having our appliances certified for compliance with the European directives **(LVD) Low Voltage 2014/35/EU, (EMC) Electromagnetic Compatibility 2014/30/EU, (RoHS) Restriction of Hazardous Substances 2015/863/EU amending 2011/65/EU.**

For the end user this means even greater safety.

We hope to continue our collaboration in the future, with responsible operation on your part and continuous efforts for improvement on ours.

1.2 PRODUCTS

Products manufactured by the company:

- Drink mixers
- Orange squeezers (automatic and manual)
- Blenders
- Hovoli for the preparation of traditional Cezve/Ibrik coffee on the sand
- Appliances for the preparation of hot dogs (steamer, boiler, roller)
- Conveyor belt toasters
- Ice crushers
- Chocolate machines

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2. SAFETY REGULATIONS AND GENERAL INSTRUCTIONS. GENERAL OBSERVATIONS

In assembling and choosing the parts of this equipment we have done our best to improve your work.

However, prudence is irreplaceable and the best regulation is the one that prevents an accident from happening.

The orange squeezer was designed, manufactured and assembled in accordance to the regulations of the following directives:

- **2014/35/EC Low Voltage Directive**
- **2014/30/EC Directive on Electromagnetic Compatibility**
- **2015/863/EU amending 2011/65/EC Directive concerning the restriction in the use of hazardous substances in Electrical and Electronic Equipment.**

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3. MARKING

The term **marking** refers to all indications or labels used for the identification of the type of appliance or part, which are attached by the manufacturer of the appliance or the part.

All equipment has been manufactured in accordance with safety measures in order to ensure the protection of the operator. However, there are still risks, which are stated on the appliance with the appropriate labels. These labels that are presented below indicate the different hazardous situations.



Keep the labels clean and replace them promptly if they are detached or damaged.

A) MANUFACTURER'S & TECHNICAL CHARACTERISTICS PLATE

The manufacturer's plate is prominently displayed on the appliance and contains all the manufacturer's data as well as the technical characteristics of the appliance.



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B) HAZARD IDENTIFICATION LABELS

These labels are prominently displayed, in order to be clearly visible and easy to read. It is recommended that the labels be placed near the areas that present the remaining hazards, which could not be excluded or limited during the designing stage, for instance near moving or live parts. If the labels are lost or destroyed, they should be replaced promptly.

**4. SYMBOLS USED**

This safety symbol is followed by a message regarding the hazards that should be taken into consideration in order to prevent accidents.



This symbol is followed by a message about information stated in this or an accompanying user manual that should be taken into consideration by the user.



This symbol is followed by an indication.

When you come across the above mentioned labels, you need to be cautious of accidents or important information regarding the operation of the machine and you need to read carefully the message that follows.

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5. GET TO NOW THE APPLIANCE

This manual contains user and maintenance instructions for the orange squeezer by the company "**JOHNY - KIOSIDIS PRIVATE COMPANY P.C.**". Before you use the orange squeezer, read the following instructions carefully. It includes the declaration of conformity with the European safety standards. The company does not bear any responsibility for accidents or damages that are caused due to negligence or non-compliance with the instructions contained in this manual. Moreover, the company does not bear any responsibility for damages that are caused due to the misuse of the machine.

For any repairs or controls that call for the performance of complicated procedures, you need to contact authorized service centers with qualified personnel or contact the company "**JOHNY - KIOSIDIS PRIVATE COMPANY P.C.**" directly, as it is always at your disposal and can offer you quick and thorough technical support.

You must read the contents of the labels attached on the orange squeezer carefully, so as to avoid damages that could jeopardize the integrity of the appliance and cause hazardous situations.

We are certain that having taken all these into consideration it will be easier for you to use your new orange squeezer, which will last a lifetime, thus fully satisfying your demands. With the orange squeezer you can squeeze the juice of lemons, oranges, grapefruit and any other citrus fruit, in order to enjoy its juice.



ATTENTION! This manual is an integral part of the orange squeezer and should remain with it through every move or resale. It should be kept in a safe place that is known to the responsible staff. The staff is responsible for keeping the manual safe and intact, so that they can consult it throughout of the appliance's life. In case the manual is destroyed or lost, you should immediately request a new copy from the manufacturing company.



Keep this manual at a suitable place close to the appliance and make its position known to all users.



Regardless of your previous experience, do not fail to read the manual. Spending a few minutes to read this manual will save you time and trouble and will spare you unnecessary expenditures.



Read carefully before moving on to the startup, use, maintenance or other interventions on the appliance and follow the instructions and the warnings given below.



Keep the labels on the appliance and replace the ones that are lost or illegible.

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6. RULES FOR SAFE OPERATION

ATTENTION! Failure to observe the following safety rules could result in an accident and possible injuries.

- The personnel that is responsible for the operation of the appliance needs to be familiar with the relevant operating instructions and comply with them, as they appear in this manual.
- Do not allow children or people with disabilities to operate the appliance.
- The appliance should be placed on a dry surface, free from water and oils.
- Do not leave the appliance plugged in and unattended after the end of its use, if you wish to clean it or if it is damaged.
- Do not stretch the power supply cable and do not use excessive force when handling it.
- Do not use the appliance if damaged or if the power supply cable and the plug are damaged. Contact your supplier for more information.
- Do not trust the appliance to people who are not authorized by the manufacturing company. Contact your supplier for more information.
- Do not modify the appliance in any way.
- Only use parts made by the manufacturing company.
- Do not get the appliance wet with water or any other liquid.
- Do not replace the power supply cable yourselves.

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7. TRANSPORT, INSTALLATION AND CONNECTION**7.1 TRANSPORT**

The orange squeezer is transported assembled and boxed in an appropriate packaging with the necessary guards, in order to avoid damages caused by its transport. The net weight of the appliance is 8.540 kg.



As soon as you receive the appliance, you need to check for any damages caused during transportation.

7.2 INSTALLATION

- The device needs to be placed on a stable, flat and smooth surface, such as a stable table or a bench, so that it faces no risk of falling over during its installation or operation.
- The installation surface should be clean and dry, free from any water and oils.
- For the operation of the appliance, you need to make sure that there is an electrical installation that meets the requirements of the appliance.
- The space should be of the required dimensions. There should be free space around the appliance so that nothing obstructs the power supply, the operation and the maintenance of the appliance.
- It should always be placed indoors, in an area with ambient temperature of about 25 °C (maximum temperature 35 °C).
- Power supply is achieved through a plug (grounded Schuko plug) that is designed to be inserted in a steady socket. It is recommended that you do not use an extension cable for the power supply cable.
- For the operation of the appliance, you need to make sure that there is an electrical installation that meets the requirements of the appliance.



ATTENTION! Both the plug and the socket need to be grounded. Protection against electrocution depends on the grounding of the live parts.



ATTENTION! The voltage of the main electrical circuit must be compatible with the voltage stated on the plate of the appliance.

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Before the installation you should take the following information into consideration:

- Initial inspection of the voltage and the required power of the main connection of the appliance,

In the installation area there should be:

- A power socket with the following characteristics: Voltage 220-240V, frequency 50/60 Hz.



ATTENTION! Protect the power cable from damages.

7.3 CONNECTION

The appliance needs to be connected in the power grid. At the end of the power cable there is a plug that needs to be connected with a socket that has similar features (220-240 V, 50/60 Hz).



ATTENTION! For your own safety, before you connect the appliance with the electrical power supply line, you need to check whether:

- The connection of the phases and the grounding is carried out. The protective conductor (grounding) has a yellow-green insulating casing.
- The suitability of the power supply conductor is certified.
- The voltage and the frequency of the operation of the appliance are compatible with the features of the power grid.

8. DRAWING OF MAXIMUM DIMENSIONS



Figure 1: Drawing of maximum dimensions

Maximum Dimensions (mm)	
Length (L)	210 mm
Height (H)	380 mm
Width (W)	295 mm

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9. FUNCTION DESCRIPTION**9.1 PARTS OF THE APPLIANCE**

The orange squeezer is mainly used in entertainment venues or catering establishments (coffee shops, refreshment services establishments, hotels or restaurants) for the production of juice from citrus fruit (oranges, lemons, grapefruit, etc). A feature of the orange squeezer AK-7 is its automatic operation, which is turned on by pushing down the handle.

The orange squeezer consists of the following components:

- | | |
|-------------------|-------------------|
| 1: Base | 6: Bucket frame |
| 2: Glass base | 7: Bucket |
| 3: General switch | 8: Squeezer |
| 4: Plug | 9: Squeezer cover |
| 5: Frame | 10: Cover |
| | 11: Handle |

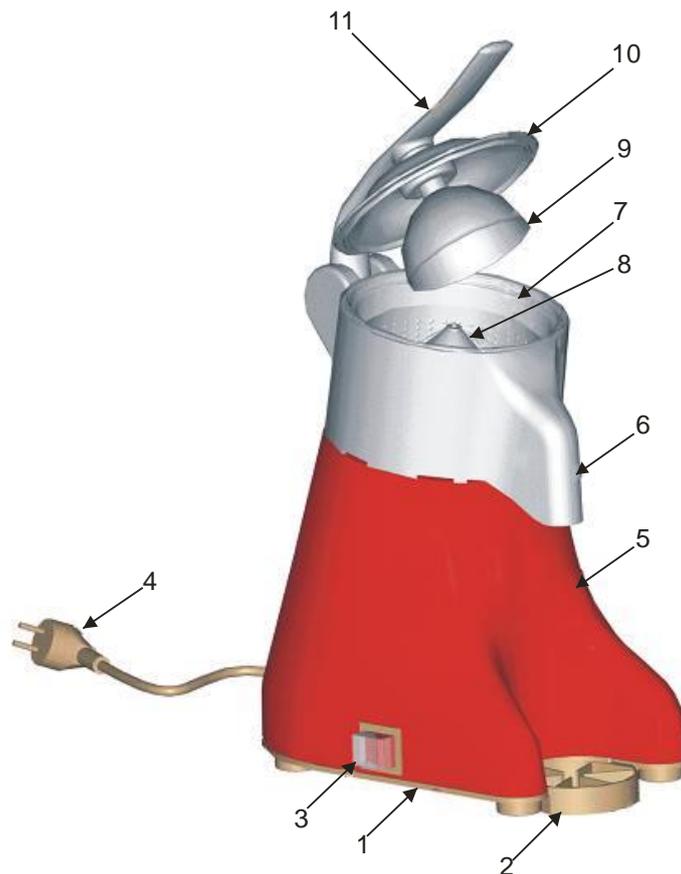


Figure 4: Parts of the orange squeezer



ATTENTION! After a power failure while the appliance is in operation, you need to turn on the appliance using the main switch.

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9.2 BEFORE FIRST USE

Before the operator uses the appliance for the first time, they must do the following:

- Get to know the appliance and its components.
- Check the stability of the appliance.

9.3 OPERATION INSTRUCTIONS

ATTENTION! Make sure that the plug is connected.



Make sure the juicing cone is clean.

In order to turn the machine on, you need to follow the following instructions:

- Place the orange squeezer on the surface where it will be used, which should be free from water and oils.
- Turn the general switch (3) to the position ON. The orange squeezer is now plugged in and in stand-by mode.
- Place a glass on the special base (2), for the juice to fall into.
- Cut the fruit that will you use in half.
- Place the one half on the squeezer (8).
- Shut the cover (10) of the orange squeezer by pulling down the handle (11).
- Pull the handle down, so that the motor starts working and the squeezer starts spinning for about 5 sec. The motor works for as long as you apply pressure.
- Open the lid and remove the squeezed fruit. Repeat the process until you have produced the desirable amount of juice.



ATTENTION! Do not apply pressure manually, unless you have placed the lid on the orange squeezer. There is a risk of injury.



ATTENTION! Once you have finished your task, turn the general switch (3) to OFF.



The appliance should be operated by specialized and trained personnel and not under the influence of alcohol or drugs.

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10. HYGIENE AND CLEANING

ATTENTION! Maintenance works should be performed when the appliance is turned off and unplugged.

10.1 CLEANING GUIDELINE

- Turn the main switch to the position O.
- Pull out the plug (4) from the power socket.
- Remove all the detachable parts, the internal bucket (7) and the squeezer (8) and wash using abundant hot water and detergent.
- Rinse well and dry the detachable parts.
- Clean the rest of the appliance with a slightly damp cloth.
- Pay special attention to the cleaning of the squeezer cover (9), since it is that part that touches the fruit.
- Dry the appliance with a lint-free cloth.

If you wish to service or repair the appliance, you need to unplug it. After the end of the service or the repair, reassemble the base.



ATTENTION! Do not try to clean, service or repair the appliance while it is plugged in (main switch in the ON position).



Always keep the parts that you use and especially the squeezer, the squeezer cover and the glass, where the juice is collected, clean.



ATTENTION! The service and cleaning of the appliance should only be performed by a person, who is trained in using the appliance (operator or service professional).



ATTENTION! Do not get the appliance wet.



ATTENTION! Do not apply pressure manually, unless you have placed the cover on the orange squeezer. There is a risk of injury.



At the end of the working day turn the general switch off and unplug the appliance.



ATTENTION! Never attempt to repair the orange squeezer on your own. Contact the authorized personnel or your supplier.



ATTENTION! Do not replace the power cable. If the power cable is damaged, you should have it replaced by the manufacturer or similarly trained personnel, in order to prevent the **risk of electrocution**.

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11. WHEN YOU ARE NOT USING THE APPLIANCE**11.1 PACKAGING - STORAGE - RECYCLING**

When the appliance is not used for a long period of time you need to:

- Service it in accordance with the maintenance instructions.
- Pack it properly, in order to prevent dirt and moisture from entering the appliance.
- Before you start using it again, you need to check and clean the appliance.

For any doubts, you need to contact your supplier directly. Even after the expiry of the warranty we will always be willing to help you and give you the best advice regarding your appliance. Do not assign the service or repair of your appliance to unqualified people and more importantly do not attempt to do these tasks yourself, if you lack the necessary knowledge.



When the appliance is withdrawn from service, it is recommended that you contact a company that is involved in the recycling of materials. This company will disassemble the appliance and forward the parts to the most suitable sites for their recycling or storage.



RECYCLING!!!



Directive 2012/19/EC

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12. MALFUNCTIONS AND SOLUTIONS

Possible malfunctions and their solutions are described in this paragraph. If a problem that is not stated below arises, contact the supplying company.

As part of our efforts to constantly improve our services and cooperate with our consumers, we would like to ask you to contact us in case there is an issue not included in the following table.

Problem	Possible Cause	Troubleshooting
The appliance is not working	The plug is not connected to the socket	Connect the appliance to a socket that has the same voltage as the appliance
Excessive vibrations	The appliance is not placed on a flat surface	Place the appliance on a flat surface
Leaks from the bucket	The bucket is full	Empty the bucket
	The bucket is not fitted correctly	Place the bucket correctly
The juice is not going through	The output of the bucket is blocked	Clean the bucket from any fruit residues

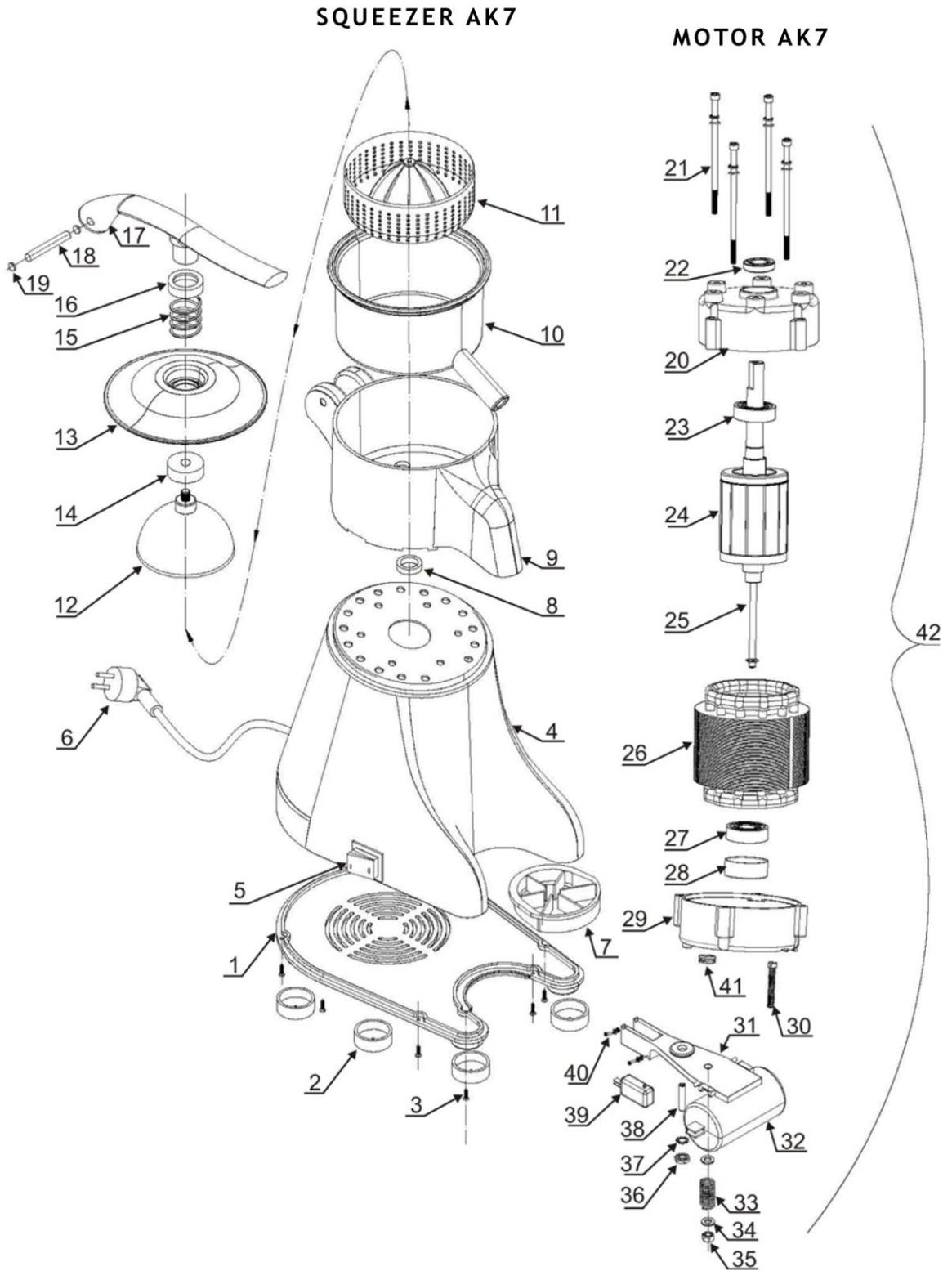
13. TECHNICAL CHARACTERISTICS

Technical characteristics of the orange squeezer AK/7-AUT	
Operating voltage	220-240 V
Operating frequency	50/60 Hz
Net weight	8.540 Kg
Gross weight	9.080 K g
Power	400 W
Rotation Speed	1,300 rpm
Operating time	5 sec. /15-20 sec. per duty cycle
Capacitor	Voltage 425V-475V
	Capacity 16±5%

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14. SPARE PARTS

14.1 EXPLODED VIEW



Orange Squeezer AK/7-AUT

14.2 TABLE OF PARTS

S/N	Name	Items
1	Base	1
2	Base feet	4
3	Base screws	6
4	Frame	1
5	General switch	1
6	Plug	1
7	Glass base	1
8	Bucket frame gasket	1
9	Bucket frame	1
10	Bucket	1
11	Squeezer	1
12	Squeezer cover	1
13	Cover	1
14	Cover distance creator	1
15	Spring	1
16	Spring plastic	1
17	Handle	1
18	Handle pin	1
19	Handle distance creator	2
20	First motor cover	1
21	Covers – connection studs	4
22	Motor gasket	1
23	Roller bearing 1 (6203)	1
24	Rotor	1
25	Order spindle	1
26	Stator	1
27	Roller Bearing 2 (6202)	1
28	Roller bearing distance creator (for vibrations)	1
29	Second motor cover	1
30	Screw	1
31	Capacitor base	1
32	Capacitor	1
33	Spring	1
34	Spring holding nut	2
35	Spring holding washer	1
36	Regulator nut	1
37	Regulator washer	1
38	Regulator	1
39	Order switch	1
40	Screw	1
41	Cord fastener	1
42	Motor set AK/7	1

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16. DECLARATION OF CONFORMITY

	"JOHNY" – KIOSIDIS PRIVATE COMPANY P.C. 16 TH KM THESSALONIKIS – SERRES, LITI, 57200 THESSALONIKI, GREECE	
ΔΗΛΩΣΗ ΣΥΜΜΟΡΦΩΣΗΣ ΕΕ EU DECLARATION OF CONFORMITY		
σύμφωνα με τις παρακάτω οδηγίες / according to the following directives:		
(LVD) Low Voltage 2014/35/EU (EMC) Electromagnetic Compatibility 2014/30/EU (RoHS) Restriction of Hazardous Substances 2015/863/EU amending 2011/65/EU		
Τύπος εξοπλισμού / Type of equipment:	ORANGE SQUEEZER	
Μάρκα / Brand name or trademark:	JOHNY	
Τύπος – Μοντέλο / Type designation – Model:	AK/7-AUT, AK/6	
Αριθμός σειράς / Serial no:	N/A	
Εξουσιοδοτημένος αντιπρόσωπος – Εισαγωγέας Authorized Representative – Importer:	N/A	
Ο κατασκευαστής δηλώνει με αποκλειστική του ευθύνη, ότι ο εξοπλισμός ακολουθεί τις πρόνοιες των παραπάνω οδηγιών, όπως αυτές σχετίζονται με τα παρακάτω έγγραφα αναφοράς. Εάν γίνει οποιαδήποτε αλλαγή στο προϊόν, το οποίο καλύπτεται από την παρούσα δήλωση συμμόρφωσης, η παρούσα δήλωση δεν είναι πλέον έγκυρη.		
The manufacturer declares under sole responsibility that the equipment follows the provisions of the Directives stated above as these related to the following reference documents. If changes are made to the product that is covered by this declaration of conformity then the declaration of conformity is no longer valid.		
LVD: IEC 60335-2-14:2006 (Fifth Edition) + A1:2008 + A2:2012 in conjunction with IEC 60335-1:2010 (Fifth Edition)		
EMC: EN 55014-1:2017, EN 55014-2:2015, EN 61000-3-2:2014, EN 61000-3-3:2014		
RoHS: IEC 62321-1:2013, IEC 62321-2:2013, IEC 62321-3-1:2013, IEC 62321-4:2014, IEC 62321-5:2013, IEC 62321:2008, IEC 62321-7-1:2015, IEC 62321-6:2015, EN 14372:2004		
Έτος πρώτης επίθεσης σήματος CE Year in which CE marking initially was affixed:	15	
Ημερομηνία και τόπος έκδοσης: Date and place of issue:	04/07/2017 – Θεσσαλονίκη – Ελλάδα 04/07/2017 – Thessaloniki – Greece	
Εξουσιοδοτημένο άτομο για να υπογράψει το παρόν εκ μέρους του κατασκευαστή: Person empowered to sign on behalf of the manufacturer:	ΑΝΑΣΤΑΣΙΑ ΚΙΟΣΙΔΟΥ ANASTASIA KIOSIDOU	
Υπογραφή / Signature 	Σφραγίδα / Stamp 	



CERTIFICATE

Management system as per
DIN EN ISO 9001 : 2015

The Certification Body TÜV NORD CERT GmbH hereby confirms as a result of the audit, assessment and certification decision according to ISO/IEC 17021-1:2015, that the organization

KIOSIDIS P.C.
"JOHNY"
16th km Thessaloniki - Serres Road
P.O. BOX 21
572 00 Liti
Hellas



operates a management system in accordance with the requirements of ISO 9001 : 2015 and will be assessed for conformity within the 3 year term of validity of the certificate.

Scope

Design and Manufacturing of Professional Electrical Bar Equipment.

Certificate Registration No. 44 100 084506
Audit Report No. GR-2384/2023

Certification Body
at TÜV NORD CERT GmbH

End of Validity of Previous Certificate: 2023-01-10
Valid from 2023-03-02
Valid until 2026-01-10
Initial certification 2008

Athens, 2023-03-02

TÜV NORD CERT GmbH

Am TÜV 1

45307 Essen

www.tuev-nord-cert.com

