



MULTI-MODE ROTATOR Series

ROTATOR GENIE™

ROTO-SHAKE GENIE™

ROTO-ROCK GENIE™

Instruction Manual

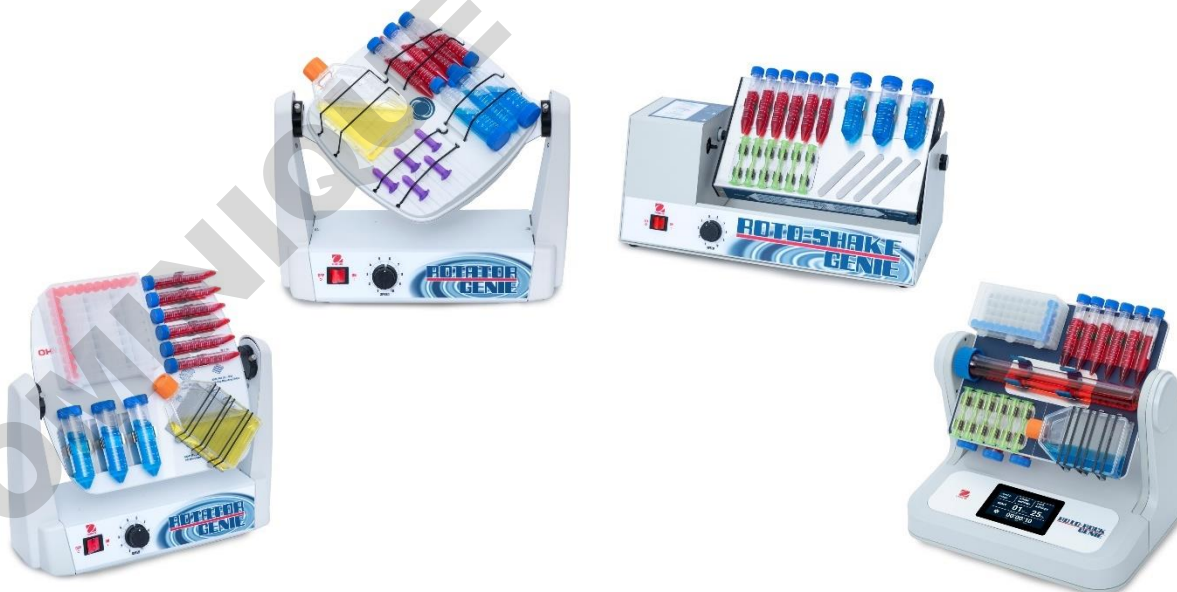
EN

ES

FR

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Change History

#	Date	Version	Descriptions
1	2026.01.01	A	New release

DOMINIQUE DUTSCHER SAS

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Introduction

This manual contains installation, operation, and maintenance instructions for OHAUS MULTI-MODE ROTATORS. Please read the manual completely before using.

Applicable Products

This instruction manual is applicable to the following products:

Product	Model Name
ROTATOR GENIE with Standard Platform	e-RT21 (SI-xxxx*)
ROTATOR GENIE with Magnetic Platform	e-RT21/M (SI-xxxx*)
ROTO-SHAKE GENIE	e-RT22 (SI-xxxx*)
ROTO-ROCK GENIE	e-RT23 (SI-xxxx*)

* SI-xxxx represents the original SI model name.

Safety Information

Safety notes are marked with signal words and warning symbols. These show safety issues and warnings. Ignoring the safety notes may lead to personal injury, damage to the instrument, malfunctions and false results.

WARNING For a hazardous situation with medium risk, possibly resulting in severe injuries or death if not avoided.

CAUTION For a hazardous situation with low risk, resulting in damage to the device or the property or in loss of data, or minor or medium injuries if not avoided.

ATTENTION For important information about the product. May lead to equipment damage if not avoided.

NOTE For useful information about the product.

Warning Symbols



General hazard



Electric shock hazard

Safety Precautions



CAUTION: Read all safety warnings before installing, making connections, or servicing this equipment. Failure to comply with these warnings could result in personal injury and/or property damage. Retain all instructions for future reference.

Always operate unit on a level surface for best performance and maximum safety.

DO NOT lift unit by the rotary platform.

Disconnect unit from the power supply prior to maintenance and servicing.

Spills should be removed promptly.

DO NOT immerse the unit for cleaning.

DO NOT operate the unit if it shows signs of electrical or mechanical damage.

WARNING! The protection provided by the unit may be impaired if used with accessories not provided or recommended by the manufacturer or used in a manner not specified by the manufacturer.

WARNING! DO NOT use the unit in a hazardous atmosphere or with hazardous materials for which the unit was not designed.

CAUTION: Replace fuse with the correct type and value only.

CAUTION: Ensure the power is off before shifting operating modes.



CAUTION: To avoid electrical shock, completely cut off power to the unit by disconnecting the power cord from the unit or unplugging from the wall outlet.



Earth Ground – Protective Conductor Terminal



Alternating Current

Package Contents

ROTATOR GENIE	ROTO-SHAKE GENIE	ROTO-ROCK GENIE
<ul style="list-style-type: none"> Main Product 	<ul style="list-style-type: none"> Main Product 3x Clip Plates 4x Bag Mounting Strips 1x Non-Skid Tray 	<ul style="list-style-type: none"> Main Product 1x Rocking Tray

We recommend you retain the original packaging for 90 days in case you need to return the product for any reason to your distributor or Ohaus.

Intended Use

This instrument is intended for use in laboratories, pharmacies, schools, businesses and light industry. It must only be used for processing materials as described in these operating instructions. Any other type of use and operation beyond the limits of technical specifications, without written consent from OHAUS, is considered as not intended. This instrument complies with current industry standards and the recognized safety regulations; however, it can constitute a hazard in use. If the instrument is not used according to these operating instructions, the intended protection provided by the instrument may be impaired.

Installation

Upon receiving the unit, check to ensure that no damage has occurred during shipment. It is important that any damage that occurred during transport is detected at the time of unpacking. If you do find such damage the carrier must be notified immediately.

After unpacking, place the unit on a level bench or table, away from explosive vapors. Ensure that the surface on which the unit is placed will withstand the typical heat produced by the unit. Do not position the equipment such that it is difficult to disconnect the power cord during use. Always place the unit on a clean and sturdy work surface.

The unit is supplied with a power cord that should be plugged into a properly grounded outlet. If the supplied power cord does not meet your needs, please use an approved power cord that suits local codes and electric supply. Replacement of the cord must be made by a qualified electrician.

Specifications

Product	ROTO-ROCK GENIE	ROTATOR GENIE	ROTO-SHAKE GENIE
Control	Touch Control	Analog	
Display	LCD	--	
Accessories Included	Magnetic Platform, Rocking Tray	Standard Platform with Retaining Bands or Magnetic Platform	Clip Plate for 10-13 mm tubes, Clip Plate for 15-17 mm tubes, Clip Plate for 28-30 mm tubes, 4x Bag Mounting Strips, Non-Skid Tray
Capacity	4.5 kg / 10 lb. centered on axis for rotating / rocking	2.25 kg / 5 lb. centered on axis	4.5 kg / 10 lb. centered on axis for rotating / rocking
Motion	Rock, Rotate, Timed auto-switch Rock/Rotate	Rotate	Rock, Rotate, Shake with Accessories
Rotating Speed	1 rpm - 35 rpm	5 rpm - 35 rpm	5 rpm - 35 rpm
Rocking Speed	1 rpm - 70 rpm	--	10 rpm - 70 rpm
Tilt Angle	0 – 25°	--	10°

Product	ROTO-ROCK GENIE	ROTATOR GENIE	ROTO-SHAKE GENIE
Timer	1 second - 99 hours, 59 minutes		--
Magnetic Platform Size (L x W)	250 x 320 mm / 10 x 12.7 inch	290 x 315 mm / 11.5 x 12.5 inch	200 x 340 mm / 8 x 13.5 inch
Tray Size (L x W)	300 x 300 mm / 12 x 12 inch	260 x 260 mm / 10.25 x 10.25 inch	305 x 305 mm / 12 x 12 inch
Power	24 V DC, 2.5A	120V, 0.5A, 60Hz 230V, 0.25A, 50Hz 100V, 0.5A, 50/60Hz	120V, 60Hz 230V, 50Hz 100V, 50/60Hz
Dimensions (L x W x H)	300 x 400 x 380 mm / 12 x 15.75 x 15 inch	175 x 400 x 400 mm / 7 x 15.8 x 15.8 inch	252 x 508 x 267 mm / 9.9 x 20 x 10.5 inch
Net Weight	9.7 kg / 21.3 lb	5.2 kg / 11.5 lb	11.8 kg / 26 lb

Control Panel

ROTATOR GENIE with Standard / Magnetic Platform



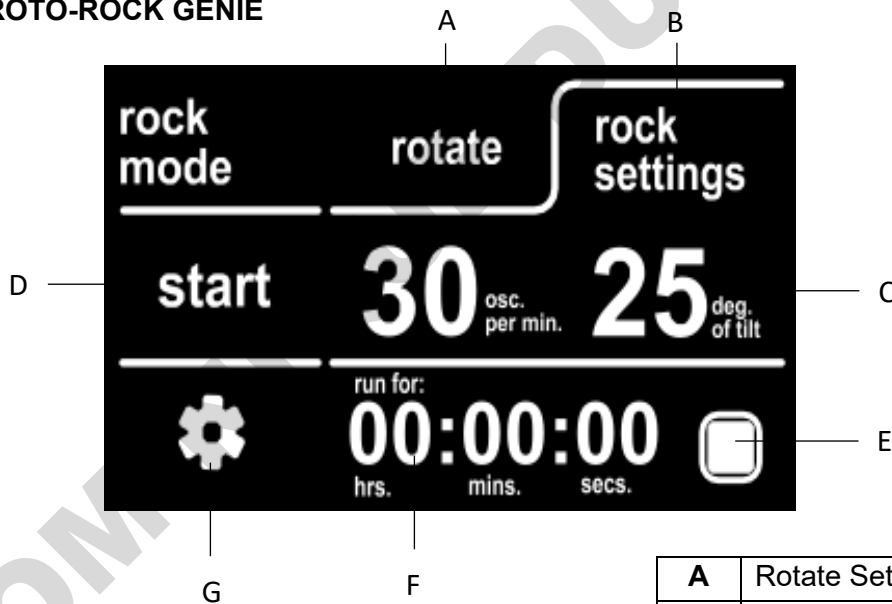
A	ON / OFF Switch
B	Speed Control Knob

A	ON / OFF Switch
B	Speed Control Knob

ROTO-SHAKE GENIE



ROTO-ROCK GENIE



A	Rotate Settings Button
B	Rock Settings Button
C	Parameter Setting Area
D	Start / Stop Button
E	Countdown ON/OFF Button
F	Countdown Timer Setting Area
G	Settings Button

Operation Instructions

ROTATOR GENIE with Standard / Magnetic Platform

1.0 - Plug the cord into a properly grounded, three-pronged outlet. Illuminated ON/OFF switch indicates that the unit is ON and ready for use.

Note: The standard platform and magnetic platform are interchangeable and can be ordered as separate accessories. Loosen the thumbscrews on the platform fixture (black) to remove the platform. Insert a new platform into the fixture slots and tighten the thumbscrews to clamp it securely.



1.1 - ROTATOR GENIE with Standard Platform

The Standard Platform has a unique center pivot that allows it to be rotated 90° perpendicular to the rotating motion of the unit. The friction pivot automatically locks the platform in any desired position, giving the user maximum control over the mixing action. Rubber strapping locks the vessels in place. The platform has center locking tabs for adjusting the length of the straps to accommodate a large range of vessel sizes and shapes.



1.2 - ROTATOR GENIE with Magnetic Platform:

The magnetic platform securely holds various types and sizes of samples with any of the available accessories – including clip plates, bag mounting strips, and microtube boxes – providing maximum application versatility.



2.0 - LOADING SAMPLES / ADJUST SPEED

Both sides of the platforms can be loaded. Position vessels evenly distributed on both sides of the platform. Uneven loading may result in inconsistent rotating speed/motion. Should this occur, turn the unit off and redistribute the vessels. Position the vessels within the footprint of the platform to ensure sufficient rotating clearance. Before continuous operation, turn the speed control knob to the lowest setting and turn the power switch ON and OFF, slowly cycling the rotation to ensure that the tubes will clear the ROTATOR GENIE housing. Select the speed by turning the speed control knob until the desired speed is attained. If using the ROTATOR GENIE in a cold room, allow the unit to acclimate to the room temperature before setting the exact speed.

2.1 – “STANDARD PLATFORM”

Adjust the rubber strapping, as required, and position the tubes/containers onto the platform. Rotate the platform angle to produce the desired motion. See 2.0 above for tube clearances and speed control.

2.2 – “MAGNETIC PLATFORM”

Clip plate accessories may be aligned at various angles to produce different motions within the tubes. See 2.0 above for tube clearances and speed control.

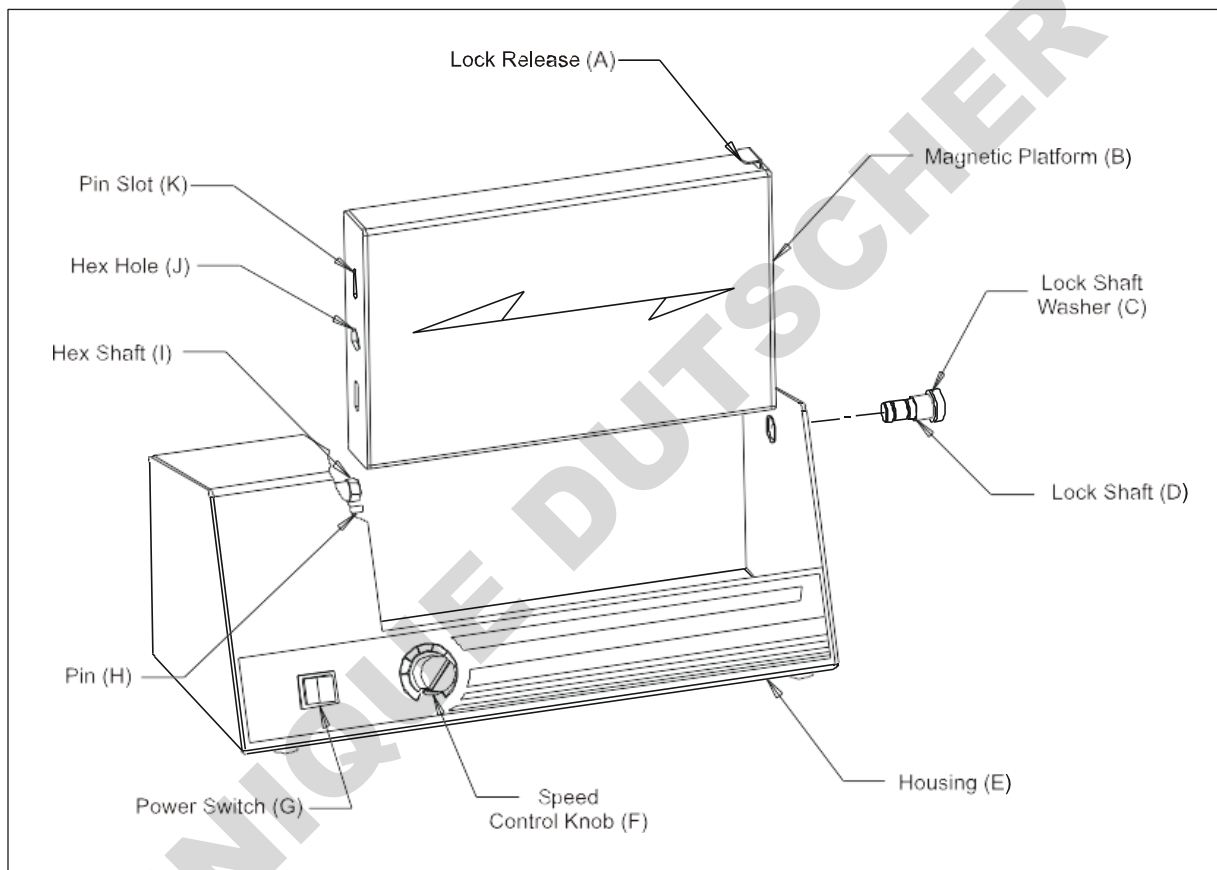
2.3 – REPLACING FUSE

The electronics are protected by a quick blow 5 x 20mm, 0.5 amp fuse.

ROTO-SHAKE GENIE**ASSEMBLY INSTRUCTIONS**

Carefully unpack the magnetic platform. The platform is shipped detached from the housing and must first be assembled. Unscrew the lock shaft (D) from the right side of the housing (E) and remove it from the hole.

Affix the platform (B) into the housing (E) with the hex hole (J) facing left, and the lock release (A) facing right, as shown. Rotate the platform (B) to line up the hex shaft (I) with the hex hole and slide it onto the hex shaft (I).



Depress and hold the lock release (A). Slide the lock shaft (D) through the hole in the housing (E) into the platform (B). Carefully screw the lock shaft (D) fully into place - do not force it. Hand-tighten only. Release the lock release (A).

To remove the magnetic platform assembly (B), press and hold the lock release (A). Unscrew the lock shaft (D) from the right side of the housing (E) and remove it while supporting the right end of the platform (B). Release the lock release (A). Slide the platform (B) to the right and rotate it to line up with the hex shaft (I). Slide the platform (B) off of the hex shaft (I) and remove it. The platform may be immersed for cleaning or decontamination. Do not autoclave.

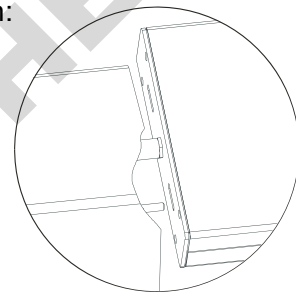
OPERATING INSTRUCTIONS

- 1.0 - Plug the cord into a properly grounded, three-pronged outlet.
- 1.1 - Clip plates may be aligned at various angles to produce different motions within the tubes. Before operation, rotate the platform to ensure that the tubes will clear the housing.
- 1.2 - Turn the speed control knob to the lowest setting and turn the power switch on. The platform will begin to rotate, rock or orbital shake.
- 1.3 - Select the speed by turning the speed control knob until the desired speed is attained. If using the Roto-Shake Genie in a cold room, allow the unit to acclimate to the room temperature before setting the exact speed.

2.0 - The ROTO-SHAKE GENIE has the following modes of operation:

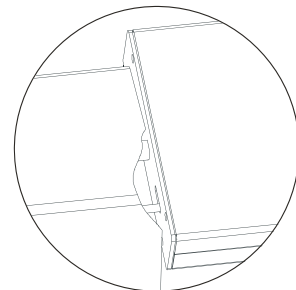
2.1 - ROTATING MODE

Press the lock release (A). Shift the magnetic platform (B) to the right. While shifting the platform right, release the lock release, and line up the hex shaft (I) to engage the lock shaft (D) properly. The platform will lock in place when it reaches the correct position.



2.2 - ROCKING MODE

Press the lock release (A). Shift the magnetic platform (B) to the left. While shifting the platform left, release the lock release and rotate the platform to line up the pin (H) with the pin slot (K) at the end of the platform. Shift the platform onto the pin. The platform will lock in place when it reaches the correct position.



2.3 – ORBITAL MODE (requires optional orbital shaker accessory attachments)

Remove magnetic platform (B) and all accessories from the ROTO-SHAKE GENIE. Place an orbital shaker attachment on the ROTO-SHAKE GENIE base, aligning the hex shaft (I) with the hex on the pulley of the orbital shaker attachment. Ensure that the base feet are in direct contact with the bottom of the ROTO-SHAKE GENIE.



CAUTION! Failure to follow operating instructions can compromise user's safety.

CAUTION! Ensure that the power is off before shifting operating modes.

CAUTION! Ensure that the power is off before removing the magnetic platform assembly.

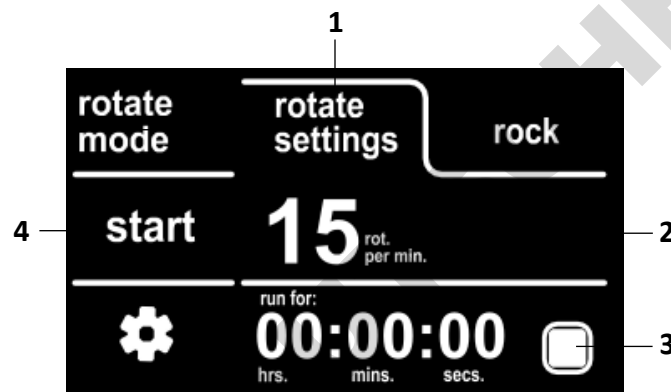
ROTO-ROCK GENIE

1.0 - Plug the line cord into a properly grounded electrical outlet. Illuminated touch screen LCD indicates that the unit is ON and ready for use.

2.0 - The ROTO-ROCK GENIE has the following modes of operation:

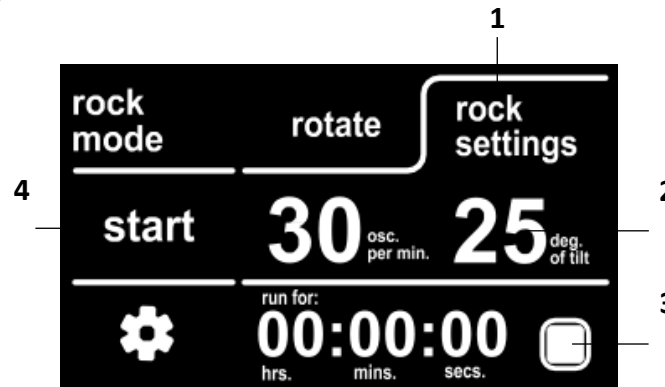
2.1 – ROTATING MODE

1. Press **rotate settings button**.
2. Press **parameter setting area** to change parameter.
3. Press the **countdown on/off button** to activate the countdown timer then press the **countdown timer setting area** for setting; otherwise, the timer will count automatically.
4. Press **start / stop** button to start.



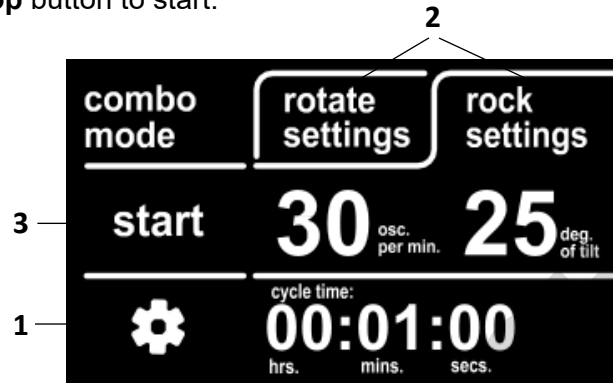
2.2 – ROCKING MODE

1. Press **rock settings button**.
2. Press **parameter setting area** to change parameter.
3. Press the **countdown on/off button** to activate the countdown timer then press the **countdown timer setting area** for setting; otherwise, the timer will count automatically.
4. Press **start / stop** button to start.



2.3 – COMBO MODE

1. Press the **settings** button to activate combo mode and set the countdown timer if needed.
2. Press **rotate settings button** and **rock settings button** separately to change parameters and cycle time.
3. Press **start / stop** button to start.



2.5 - "SLEEP"

The rotator will automatically go into a "SLEEP" mode if it is plugged in but not used for certain minutes. The LCD indicates **touch to wake** as a reminder.

Maintenance

The OHAUS MULTI-MODE ROTATOR GENIE should be given the care normally required for any electrical appliance. Avoid wetting or unnecessary exposure to fumes. Spills should be removed promptly. DO NOT use a cleaning agent or solvent on the front panel which is abrasive or harmful to plastics, nor one which is flammable. The unit and platform cannot and should not be autoclaved. The clip plates and mounting strips are made of magnetic stainless steel and can be cleaned with most cleaning agents or autoclaved. The metal rocker tray cannot and should not be autoclaved. Always ensure the power is disconnected from the unit prior to any cleaning. If the unit ever requires service, contact your Ohaus representative.

Service Information

For service assistance or technical support in the United States call toll-free 1-800-672-7722 ext. 7852 between 8:00 AM and 5:00 PM EST. An OHAUS product service specialist will be available to provide assistance. Outside the USA, please visit our website, www.ohaus.com to locate the Ohaus office nearest you.

Serial Number: _____

Date of Purchase: _____

Supplier: _____




Technical Data

Equipment Rating

- Indoor use only
- Altitude: 0 to 2000 m
- Environmental: 0°C to 38°C (32°F to 100°F), max 95% relative humidity, non-condensing
- Overvoltage category (Installation category): II

Compliance

Compliance to the following standards is indicated by the corresponding mark on the product.

Mark	Standard
	This product complies with the applicable harmonized standards of EU Directives 2011/65/EU (RoHS), (EU)2015/863, 2014/30/EU (EMC) and 2014/35/EU (LVD). The EU Declaration of Conformity is available online at www.ohaus.com/ce .
	This product complies with the EU Directive 2012/19/EU (WEEE). Please dispose of this product in accordance with local regulations at the collecting point specified for electrical and electronic equipment. For disposal instructions in Europe, refer to www.ohaus.com/weee .
	EN 61326-1

Global Notice

Warning: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

ISED Canada Compliance Statement:

CAN ICES-003(A) / NMB-003(A) FCC Notice

FCC Compliance Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

ISO 9001 Registration

The management system governing the production of this product is ISO 9001 certified.

FCC Supplier Declaration of Conformity

Unintentional Radiator per 47CFR Part B

Trade Name: OHAUS CORPORATION

Model: ROTATOR GENIE with Standard Platform e-RT21..., ROTATOR GENIE with Magnetic Platform e-RT21/M..., ROTO-SHAKE GENIE e-RT22..., ROTO-ROCK GENIE e-RT23...

Party issuing Supplier's Declaration of Conformity

Troemner LLC

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Phone: +1 856 686 1600

Responsible Party – U.S. Contact Information

Ohaus Corporation

8 Campus Drive, Ste. 105

Parsippany, NJ 07054

United States

Phone: +1 973 377 9000

Web: www.ohaus.com

LIMITED WARRANTY

OHAUS products are warranted against defects in materials and workmanship from the date of delivery through the duration of the warranty period. During the warranty period OHAUS will repair, or, at its option, replace any component(s) that proves to be defective at no charge, provided that the product is returned, freight prepaid, to OHAUS.

This warranty does not apply if the product has been damaged by accident or misuse, exposed to radioactive or corrosive materials, has foreign material penetrating to the inside of the product, or as a result of service or modification by other than OHAUS. In lieu of a properly returned warranty registration card, the warranty period shall begin on the date of shipment to the authorized dealer. No other express or implied warranty is given by OHAUS Corporation. OHAUS Corporation shall not be liable for any consequential damages.

As warranty legislation differs from state to state and country to country, please contact OHAUS or your local OHAUS dealer for further details.

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