IMPORTANT!

Please reference this page for the most up-to-date information on the following*

- **web site addresses**
- **contact information**
- **copyright and trademark information**

All subsequent pages in this manual may have incorrect web site addresses and contact information.

WEEE Conformity

This product is subject to the regulations of the EU Waste Electrical & Electronic Equipment (WEEE) Directive 2002/96. It is marked by the following symbol:

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- The lid emergency release may be used in emergencies only to recover the samples from the centrifuge, e.g. during a power failure (see section “Mechanical Emergency Door Release” on page 7-2).
- Never use the centrifuge if parts of its cover panels are damaged or missing.
- Do not touch the electronic components of the centrifuge or alter any electronic or mechanical components.
- Please observe the safety instructions.

Please pay particular attention to the following aspects:

- Location: well-ventilated environment, set-up on a level and rigid surface with adequate load-bearing capacity.
- Rotor installation: make sure the rotor is locked properly into place before operating the centrifuge.
- Especially when working with corrosive samples (so n s ,

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Characteristics of the Heraeus Multifuge X1 / X1R

The Heraeus Multifuge X1 / X1R is an in-vitro diagnostics device according to the In-Vitro Diagnostics Directive 98/79/EC.

Technical Data

The technical data of the Heraeus Multifuge X1 / X1R is listed in the following table.

Table 1-1. Technical Data Heraeus Multifuge X1 / X1R

Feature	Value
Environmental conditions	-Use in interior spaces -Altitudes of up to 2,000 m above sea level -max. relative humi8(e3iordi)5(l)ty00.%p Felative huh

Directives, Standards and Guidelines

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2 Before use

Storage

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TOGGLE key to toggle between the two modes.

2. Enter the desired value using the numeric pad.
   The digits show in sequential order.

SAMPLE

When SAMPLE is lit, the temperature of the sample will be controlled.

To set the temperature, proceed as follows:

Maintenance and Care

Contents

- “Cleaning Intervalls” on page 6-2
- “Cleaning” on page 6-2
- “Disinfection”

Clean centrifuge and accessories as follows:

1. Open the centrifuge.
2. Turn off the centrifuge.
3. Pull out the power supply plug.
4. Grasp the rotor with both hands and lift it vertically off the centrifuge spindle.
5. Remove the centrifuge tubes and adaptors.

When to contact Customer Service

If you need to contact customer service, please provide the order no. and the serial no. of your device. This information can be found on the back near the inlet for the power supply cable.

To identify the software version, proceed as follows:

1. Hold down any of the keys and then switch on the centrifuge.

Chemical Compatibility Chart

CHEMICAL	MATERIAL ALUMINUM

Magnesium Chloride	M	S	S	-	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	M	S	S	S
Mercaptoacetic Acid	U	S	U	-	S	M	S	-	S	M	S	U	U	U	U	-	S	U	U	S	M	S	U	S	S	S	S
Methyl Alcohol	S	S	S	U	S	S	M	S	S	S	S	S	U	S	U	M	S	S	S	S	S	S	S	M	S	M	U
Methylene Chloride	U	U	U	U	M	S	S	U	S	U	U	S	U	U	U	U	U	M	U	U	U	S	S	M	U	S	U
Methyl Ethyl Ketone	S	S	U	U	S	S	M	S	S	U	U	S	U	S	U	U	U	S	S	U	U	S	S	S	S	U	U
Metrizamide®	M	S	S	-	S	S	S	-	S	S	S	S	-	S	S	-	-	S	S	S	S	S	S	M	S	S	S

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Chemical resistance data is included only as a guid

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