

INSTRUCTIONS FOR USE (EN) TUNING FORKS



RUDOLF Medical GmbH + Co KG
Zollerstrasse 1, 78567 Fridingen an der Donau,
Germany
Phone +49 7463 9956-0
Fax +49 7463 9956-56
sales@RUDOLF-med.com
www.RUDOLF-med.com



D0560 / Rev C / ACR00397 / 2025-04-25

PLEASE READ BEFORE USE AND KEEP IN A SAFE PLACE



RUDOLF Medical tuning forks are supplied non-sterile and must be cleaned and disinfected before first use and immediately after each use.

INTENDED PURPOSE

Tuning forks are intended to be used as acoustic resonators to diagnose a patient's hearing ability via airborne and bone sound and to test the sensitivity of vibrational sensations.



WARNINGS AND PRECAUTIONS

- Incorrect use and overloading due to twisting/levering can lead to fractures and permanent deformation.
- Do not use metal brushes or abrasive cleaners, as corrosion can occur if the surface is damaged.

PRIOR TO EACH USE: VISUAL AND FUNCTIONAL INSPECTION

Check for the following:

- External damage (e.g. dents, burrs, cracks or sharp edges)

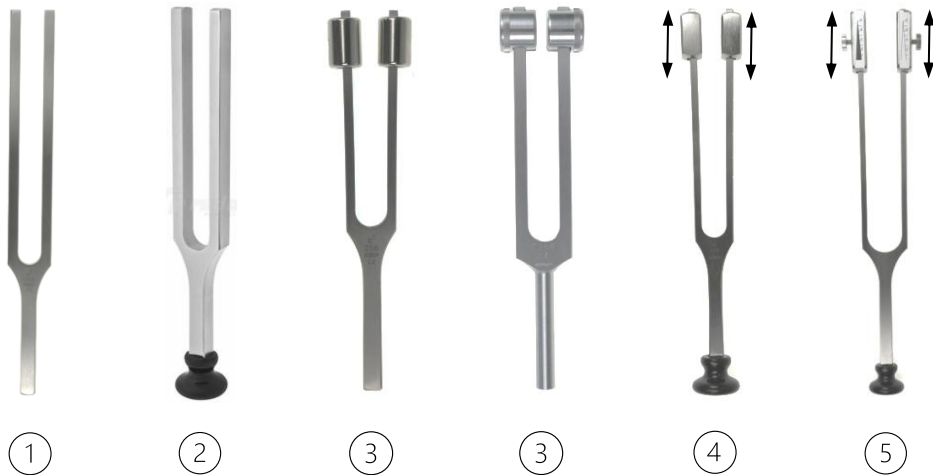
APPLICATION

By briefly striking the tuning fork with, i.e. on the ball of the thumb or on a piece of wood or plastic, it is made to vibrate and then used for diagnosis.



The tuning fork must never be struck against a metal object or similar, as there is a risk of damaging the tuning fork.

Models (Versions):



(1) = **Tuning fork without foot**

(2) = **Tuning fork with plastic foot**

Tuning forks with a foot allow a gentler positioning on the patient. The plastic foot is firmly attached to the tuning fork and must not be detached.

(3) = **Tuning fork with fixed dampers (weights)**

The dampers must not be loosened or removed from the tuning fork as this will impair the function of the tuning fork or render it unusable.

(4) + (5) = **Tuning forks with adjustable dampers (weights), with plastic feet**

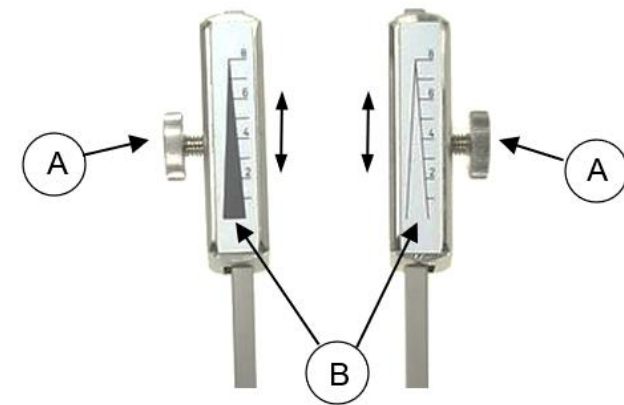
Tuning forks with adjustable dampers allow variable adjustment of different frequencies. Depending on the model, the dampers can be removed from the tuning fork prongs.

(4) = **Model with sliding, latching dampers**

The sliding dampers with snap-in function must be engaged in the respective frequency marking before use.

(5) = **Tuning fork with additional triangle markings**

The adjustable dampers are loosened and fixed with knurled locking screws (A). The knurled locking screws of the dampers must be tightened by hand before use.



- The triangular markings (B) on the dampers (weights) are used to assess the vibration sensation in a total of eight levels.
- Depending on the strength of the stroke or the vibration intensity of the tuning fork, the triangle markings look initially blurred.
- As the vibration becomes weaker, the triangle markings become visually recognizable, the arrows slowly begin to grow and then point to the respective marking line or the respective vibration level of the dampers.



- Ensure that the adjustable dampers are correctly fitted and adjusted before use.
- The dampers must be firmly attached so that they cannot come loose or move during use.
- Both dampers must be set to the same height. This is the only way to correctly set the respective frequency.
- The base is firmly attached to the tuning fork and must not be detached.

Manual cleaning and disinfection

1. Use a disposable cloth moistened with disinfectant or alternatively a ready-to-use disinfectant wipe to clean and disinfect the tuning fork.
2. Remove excess moisture with a dry, lint-free cloth.

MAINTENANCE, CONTROL AND INSPECTION

- After cleaning and disinfection, the tuning forks must be subjected to a visual and functional inspection.
- Defective products must also be cleaned and disinfected before being returned for repair or complaint.

STORAGE

- Store the cleaned and disinfected tuning forks in a low-germ, dry, clean and dust-free environment at 5 - 40 °C.

DISPOSAL

- Products may only be disposed of properly after successful cleaning and disinfection.
- When disposing of or recycling the tuning forks, the national regulations and hospital guidelines must be observed.

REPAIRS AND RETURNS

- Never carry out repairs yourself. Service and repairs may only be carried out by trained and qualified persons. Please contact RUDOLF Medical or your medical technology department if you have any questions in this regard.
- Defective products must have undergone the entire reprocessing process before being returned for repair or complaint.











PROBLEMS / EVENTS

- The user should report all problems in connection with RUDOLF Medical products to the respective specialist dealer.
- In the event of serious incidents with the products, the user must report them to RUDOLF Medical as the manufacturer and to the competent authority of the member state in which the user is established.

WARRANTY

- The instruments are made of high-quality materials and undergo strict quality control before delivery. Should any discrepancies occur, please contact RUDOLF Medical.

SYMBOLS

	Consult instructions for use
	Batch number
	Article number
	Number per package
	Non-sterile
	Caution
	Manufacturer
	Date of manufacture
	CE mark according to Regulation (EU) 2017/745 for medical devices (MDR)
	Medical device