

DIAPASON LEGA 128-CH LUCAE

ALLOY TUNING FORK CH 128 LUCAE

È necessario segnalare qualsiasi incidente grave verificatosi in relazione al dispositivo medico da noi fornito al fabbricante e all'autorità competente dello Stato membro in cui si ha sede

All serious accidents concerning the medical device supplied by us must be reported to the manufacturer and competent authority of the member state where your registered office is located

REF 31246



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Made in Germany



Thank you for choosing a GIMA tuning fork. The absolute accuracy of the sounds is guaranteed by the special alloy the device is made of.



PRESCRIPTIONS

The product is intended for use only by appropriately trained and specialised medical personnel. The GIMA tuning fork is very easy to use, and by taking just a few precautions it can be used for many years

FEATURES

The GIMA tuning fork is used for a variety of hearing tests (Rinnie test, Weber test, etc.), which test sound field sensitivity transmitted to the ear both by air conduction (AC) and bone conduction (BC).

Conduction	Description	Parts of the apparatus in which hearing defects can be found
AC	An acoustic stimulus is sent to the ear by air.	External auditory canal, middle or inner ear, auditory nerve or central auditory pathways.
BC	This is carried out by placing the tuning fork stem in contact with the patient's head; the vibration caused by the instrument directly stimulates the inner ear.	Inner ear, auditory nerve, central auditory pathways.

For a correct hearing test, active cooperation from the patient is required. In fact, the measurements made with the tuning fork are based on the patient's own response during the test.

The tuning fork complies with the Lucae standard and produces 7 different frequencies, from c 128 to h 240. The accurate frequencies can be obtained from the tables below.

	c	d	e	f	g	a	h
Frequency in Hz	128	144	160	170,66	192	213,33	240

OPERATION

The frequency is changed by sliding weights on the prongs. These weights can be adjusted easily by hand. When selecting a tone, ensure that the weight spring is engaged in the tuning fork groove. This is the only way to obtain an accurate frequency. The two weights must always be set at the same height. It is therefore not possible to create intermediate tones by setting a weight on a tone that is different from the other. The letter printed directly below the weight indicates the tone produced. If possible, the tuning fork should be struck on the palm of the hand or on a piece of wood or plastic, never on an object that is too hard (such as sheet metal, steel or stone). The blow needs to be quick and strong; in other words, the tuning fork must touch the object only briefly.

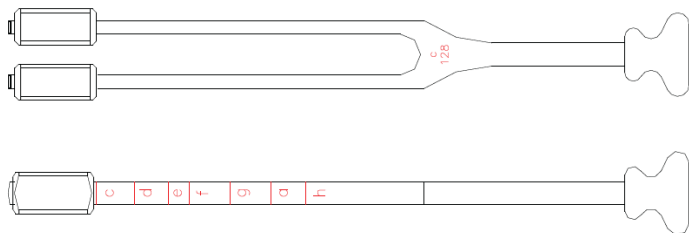
The oscillation period of the tone will reach its maximum duration as a result of this short blow. During an examination (sensitivity test, etc.) the tuning fork is placed with the base of the black foot piece on the patient's areas to be examined after striking them

Tuning forks cannot be sterilised after use. The tuning fork should be cleaned using a dry or slightly oily cloth.














TRANSPORT AND STORAGE

When packed for transport and storage, the device can be exposed to environmental conditions in the following ranges:

1. Ambient temperature from -40°C to $+70^{\circ}\text{C}$
2. Relative humidity from 10% to 100%, including condensation.
3. Atmospheric pressure from 500 to 1060 hPa.



Symbols

	Date of manufacture		Product code
	Manufacturer		Batch number
	Attention: Read and follow the instructions (warnings) carefully		Medical device compliant with Regulation (EU) 2017/745
	Medical device		Read the instructions for use
	Store in a cool, dry place		Store away from sunlight
	Temperature limit -40°C to +30°C		Humidity limit 10% to 100%
	Atmospheric pressure limit 500kPa to 1050kPa		

GIMA WARRANTY TERMS

The Gima 12-month standard B2B warranty applies.