

Certificate

of EU type-examination No. UE/329/2020/1437, edition 1

Name of the product:

Ear-muffs

Type (varieties):

TM_01

Name and address of the manufacturer:

Ton Institute Spółka z ograniczoną odpowiedzialnością sp.k.
Grzybowska 2 lok. 29
00-131 Warsaw
Poland

**The product meets the applicable essential health and safety requirements
included in Regulation (EU) 2016/425 of the European Parliament and of the Council
of 9 March 2016**

Validity period: from 12 February 2020 - 11 February 2025

Head of the Centre
for Certification of Personal
Protective and Working Equipment

A. Stefko
Agnieszka Stefko M.Sc.(Eng.)

.....
signature of the certificate issuer's representative

Warsaw, date 12 February 2020

page 1 of 3

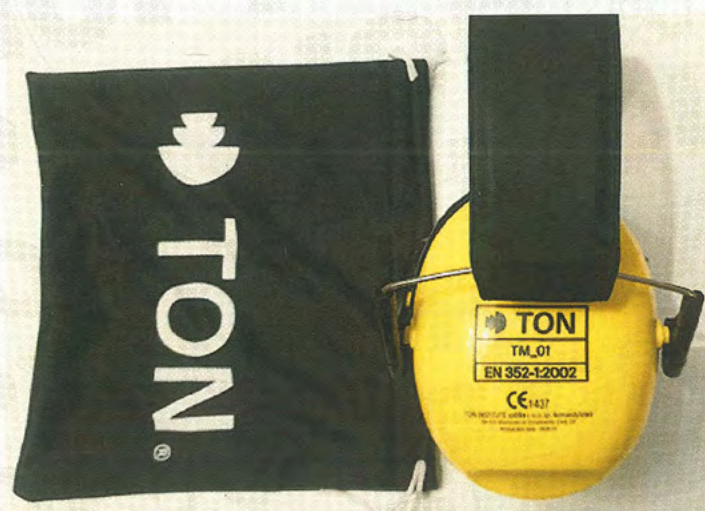
Product description:

TM_01 ear-muffs consist of two cups made of ABS (acrylonitrile butadiene styrene). The cups may be yellow, red, black, blue, orange, green, purple, pink, brown, white, gold, silver, grey and transparent. The cups are equipped with cushions made of PVC (polyvinyl chloride) filled with polyurethane foam and liners made of polyurethane foam. The cups are mounted on the headband made of stainless steel, PVC and PA (polyamide).

The TM_01 ear-muffs are designed to be worn with the headband passing over the top of the head.

The TM_01 ear-muffs are small, medium and large size range. The TM_01 ear-muffs are packed in a polyester bag.

Image:



Basic parameters:

class, personal protective equipment category, performance level(s) or protection class of the product

Frequency, Hz	125	250	500	1000	2000	4000	8000
Mean Attenuation (M_p), dB	10.4	15.1	23.5	30.8	34.5	35.1	34.9
Standard Deviation, dB (s_p), dB	2.5	2.1	3.0	3.1	3.4	2.2	4.5
APV ($M_f - s_p$), dB	7.9	13.0	20.5	27.7	31.1	32.9	30.4

$H = 31$ dB, $M = 23$ dB, $L = 15$ dB, $SNR = 26$ dB

Identification of the submitted documentation:

- application for EU type-examination No. 344/2019 dated 21.11.2019
- agreement on EU type-examination and review of the EU type-examination certificate No. 62/2019/1437 dated 17.04.2019
- technical documentation of TM_01 ear-muffs dated 6.11.2019
- instructions for the user dated 6.11.2019
- declaration of harmlessness of the materials used dated 6.11.2019

Product/product model supplied with the EU type-examination application is compliant with the technical documentation.

The product meets the requirements of harmonised standard/technical specifications:
EN 352-1:2002 "Hearing protectors. General requirements. Part 1: Ear-muffs"

confirmed by tests performed by:

CIOP-PIB, Department of Vibroacoustic Hazards, Warsaw, Poland

report No.:

369/PB/2019/NA dated 25.07.2019

Marking:

name and address of the manufacturer: TON INSTITUTE spółka z o.o. sp. komandytowa; model designation: TM_01; EN 352-1:2002; production date (month/year) identifying the serial number

The certificate applies in conjunction with one of procedures of conformity assessment according to C2 module or D module pursuant to Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016

NOTE 1:

Every modification to the product and its technical documentation to which this certificate pertains should be notified to the Centre for Certification of Personal Protective and Working Equipment of the Central Institute for Labour Protection – National Research Institute.

This certificate shall be valid as long as the above harmonised standard may be applied as a basis for product examination.

NOTE 2:

Forging the content and the markings of the certificate or modifying them (including a photocopy or scan), or using such document as authentic is a crime under Article 270 § 1 of the Criminal Code.