



TRANSLATION AGENCY "ALPHABETA"

Odessa, Ukraine
Tel: +38(096)940 92 04
Skype: Alphabeta Odessa;
www.alphabeta.od.ua

Переклад з української мови на англійську мову

Translated from Ukrainian into English

DECLARATION OF CONFORMITY

No. UA.TR.1077, 355.D. 3012318215/001-23 dated 02 November 2023

1. Product model/product (product number, type or batch number or serial number):
Metal detector X-Finder according to TU U 27.9-3012318215-001:2023, UKT ZED code 8543 70 90 00
2. Name and location of the manufacturer or its authorized representative:
Manufacturer - Individual Entrepreneur Cherniavskyi Maksym Andriiovych. Ukraine, 67571, Odesa region, Odesa district, village of Fontanka, Vchytelska street, building 98, EDRPOU code 3012318215
3. This declaration of conformity is issued under the sole responsibility of the manufacturer.
4. Object of declaration (identification of electrical and electronic equipment that ensures its traceability; if necessary, may include a photograph):

Metal detector



5. The object of declaration described above complies with the requirements of the following technical regulations:

- Technical regulation on electromagnetic compatibility of equipment (Resolution of the Cabinet of Ministers dated 16 December 2015 No. 1077)

- Technical regulation on radio equipment (Resolution of the Cabinet of Ministers dated 24 May 2017 No. 355)

6. References to relevant standards from the list of national standards that were applied, or references to other technical specifications in relation to which compliance is declared:

Electromagnetic compatibility of equipment (DH6030 and DH6045):

DSTU EN 60335-1:2015 Household and similar electrical appliances. Safety. Part 1. General requirements (EN 60335-1:2002; A1:2004; A2:2006; A11:2004; A12:2006; A13:2008; A14:2010; A15:2011; AC:2009; AC:2010; A1:2004/AC:2007; A12:2006/AC:2007, IDT);

DSTU EN 55014-1:2019 Electromagnetic compatibility. Requirements for household electrical appliances, electric tools and similar apparatus. Part 1. Emission of interference (EN 55014-1:2017, IDT; CISPR 14-1:2016, IDT);

DSTU EN 55014-2:2017 Requirements for household electrical appliances, electric tools and similar apparatus. Part 2. Immunity to interference (EN 55014-2:2015, IDT; CISPR 14-2:2015, IDT);

DSTU EN IEC 61000-3-2:2019 Electromagnetic compatibility (EMC). Part 3-2. Limits. Limits for harmonic current emissions (equipment with input current not exceeding 16 A per phase) (EN IEC 61000-3-2:2019, IDT; IEC 61000-3-2:2018, IDT);

DSTU EN 61000-3-3:2017 Electromagnetic compatibility. Part 3-3. Maximum allowable levels. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated current not exceeding 16 A per phase and not subject to conditional connection (EN 61000-3-3:2013, IDT; IEC 61000-3-3:2013, IDT).

Protocols:

No. 23-0121-01 dated 02.10.2023, issued by SEPARATE DIVISION “CERTIFICATION-METROLOGICAL TESTING CENTER “LORTA” OF STATE ENTERPRISE “LVIV STATE PLANT “LORTA” (SD “TC LORTA”), Lviv, Ukraine.

Radio equipment

DSTU ETSI EN 300 328:2017 Radio access systems in the 2.4 GHz frequency band. Technical requirements and test methods (ETSI EN 300 328:2016, IDT);

DSTU EN 62311:2014 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz) (EN 62311:2008, IDT);

DSTU ETSI EN 301 489-1:2019 Electromagnetic compatibility and radio frequency spectrum. Electromagnetic compatibility of radio equipment and radio services. Part 1. General technical requirements (ETSI EN 301 489-1 V1.9.2 (2011-09), IDT) and DSTU ETSI EN 301 489-17:2008 Electromagnetic compatibility of radio equipment and radio services. Part 17. Specific conditions for testing broadband transmission systems in the 2.4 GHz band, high-performance RLAN equipment in the 5 GHz band and high-speed data transmission systems in the 5.8 GHz band (ETSI EN 301 489-17:2002, IDT);

DSTU EN 62368-1:2017 Audio, video, information and communication technology equipment. Part 1. Safety requirements (EN 62368-1:2014; AC:2015-05; AC:2015-02; AC:2015-11; AC:2017; A11:2017; IDT; IEC 62368-1:2014, MOD; Cor 1:2014; Cor 2:2015, IDT). Amendment No. 1.

Protocols:

No. RSHD200221005-01AM1 dated 07.02.2021, issued by ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD laboratory, Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai, China;

No. RSHD200221005-01BM1 dated 07.02.2021, issued by ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD laboratory, Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai, China;

No. RSHD200221005-02M1 dated 07.02.2021, issued by ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD laboratory, Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai, China;

No. RSHD200221005-SF-M1 dated 07.02.2021, issued by ESPRESSIF SYSTEMS (SHANGHAI) CO., LTD laboratory, Suite 204, Block 2, 690 Bibo Road, Zhang Jiang Hi-Tech Park, Shanghai, China.

7. Additional information: The product is manufactured in series by Individual Entrepreneur Cherniavskiy Maksym Andriiovych, Ukraine, 67571, Odesa region, Odesa district, village of Fontanka, Vchytelska street, building 98, Ukraine.

Signed on behalf of:

Individual Entrepreneur Cherniavskiy Maksym Andriiovych. EDRPOU code 3012318215
2023

(place and date of issue)

Validity period of the declaration of conformity: 3 years

Cherniavskiy Maksym Andriiovych, Individual Entrepreneur

/signature/

(surname, name and patronymic, position)

(signature)

TRANSLATION AGENCY "ALPHABETA"

Confirms that the translation is performed by a competent translator. There are no erasures, amendments, crossed out words, unspecified emendations and other peculiarities. Translation is correct, complete and certified.

Acknowledges the authenticity of the signature of translator **Dmytriieva Hanna Vitaliivna,** who translated this Document from Ukrainian into English.

