

ENGLISH

iCare TONOVET Pet

Instruction Manual



TONOMETER

iCare TONOVET Pet

INSTRUCTION MANUAL TV012-016 EN-1.0

The information in this document is subject to change without prior notice. Should a conflict situation arise concerning a translated document, the English language version shall prevail.



This device complies with:

RoHS Directive 2021/65/EU

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Icare Finland Oy
Äyritie 22, FI-01510 Vantaa, Finland
Tel. +358 9 8775 1150
www.tonovet.com, info@icare-world.com

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1 Intended use

The iCare TONOVET Pet tonometer is used in the intraocular pressure (IOP) measuring in the veterinary medicine. The iCare TONOVET Pet tonometer is intended for veterinary use only.

2 Introduction

WARNING! Do not modify or discontinue the treatment plan without receiving instructions from the healthcare professional.

PRECAUTION! Report any serious incidents related to the tonometer to the manufacturer or the manufacturer's representative.

The iCare TONOVET Pet tonometer is based on a patented, induction-based rebound method, which allows intraocular pressure (IOP) to be measured accurately, rapidly and without anesthetic. The tonometer uses the rebound method. A small and light single-use probe makes contact with the eye very briefly. The tonometer measures the deceleration of the probe and the rebound time, and calculates the IOP from these parameters. A measurement sequence includes six measurements. The probe moves to the cornea and back during every measurement. As a result, after the six measurements the tonometer calculates the final IOP and stores it in the tonometer's memory. IOP changes due to the effects of pulse, breathing, eye movements, and body position. Because the measurement is made handheld in fractions of a second, six measurements are needed to obtain the final reading. iCare TONOVET Pet tonometer is calibrated to measure the IOP of dogs. The iCare TONOVET Pet tonometer is meant for measuring the IOP of dogs in home or clinic environments. Home users should only use the device if instructed by a veterinary healthcare professional.

3 Package contents

PRECAUTION! Check the packaging for any external damage before opening. After removing the device from its packaging, visually inspect the tonometer for any external damage, particularly for possible damage to the device casing. If you suspect damage to the tonometer, contact the manufacturer or distributor.

PRECAUTION! Batteries, packaging materials and probe bases must be disposed of according to local regulations.

The package contains:

- iCare TONOVET Pet tonometer
- 4 x AA batteries
- 20 single use probes in a box
- Carrying case
- Probe base collar, narrow
- Quick guide
- Screwdriver
- Warranty card
- Wrist strap

4 Parts of the tonometer

1. Measuring support
2. Probe base
3. Probe base collar
4. Display screen
5. Adjustment wheel for measuring support
6. Navigation buttons
7. Measure button
8. Select button



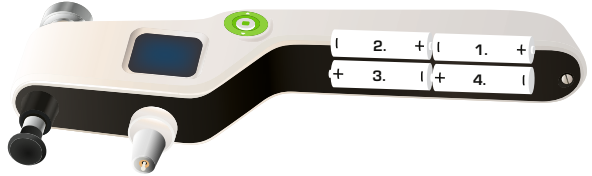
5 Taking the device into use

5.1 Installing or changing the batteries

! PRECAUTION! Remove the batteries from the battery compartment, if you do not intend to use the tonometer for a month or a longer period of time. Removing the batteries temporarily does not affect the subsequent functioning of the tonometer.

! PRECAUTION! Use only the types of battery specified in the Technical Information section of this instruction manual.

1. Unscrew the battery compartment locking screw with a screwdriver
2. Remove the battery compartment cover. Remove empty batteries from the battery compartment.
3. Insert a new set of four AA 1.5 V batteries (LR6) according to the figure above, installing order 1-4. Take care to observe correct polarity.
4. Close the battery compartment with the battery compartment cover.
5. Secure the cover in place by tightening the locking screw. Do not use excessive force when tightening the screw.



5.2 Attaching the wrist strap

1. Thread the string loop at the end of the wrist strap through the two holes at the bottom of the device (see figure below).
2. Take hold of the end of the wrist strap, turn it back and bring it through the loop.
3. To tighten the loop pull the wrist strap.

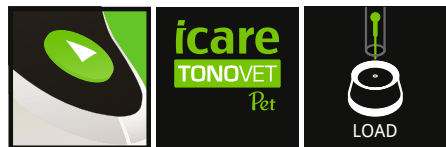


5.3 Turning the tonometer on

Place the wrist strap around your wrist and secure it. The wrist strap protects the tonometer from dropping onto the floor accidentally. To turn the tonometer on press and hold the Select or Measure button for few seconds. The following are illustrations of these two alternative ways of starting the tonometer:



After pressing the Select button



After pressing the Measure button

5.4 Loading the probe



WARNING! Do not use probes without a plastic tip. Do not use deformed probes. Contact the manufacturer or local distributor if you notice faulty probes or probe packages.



WARNING! To prevent contamination, do not touch the bare probe, do not use a probe if it touches a non-sterile surface like a table or the floor. Do not use the touched or dropped probe, dispose of it properly, for example, in containers for disposable needles.



WARNING! Use only the original, certified probes supplied by the manufacturer. The probes are for single-use (one per measurement session) only. Each testing session is defined by one successful measurement in both eyes, but in case either eye is inflamed or infected the healthy eye should be measured first. Use probes taken only from the intact, original packaging. Re-use of a probe could result in incorrect measurement values, damage to the probe, cross-contamination by bacteria or viruses or infection of the eye. Re-use of probes voids all responsibilities and liabilities of the manufacturer concerning the safety and effectiveness of the tonometer.



PRECAUTION! Before measuring any new patient, make sure to use a new disposable probe from an intact package. After inserting the probe in the probe base, visually inspect the probe to ensure that the small plastic round tip is visible at the front. Do not use a probe without the plastic tip.

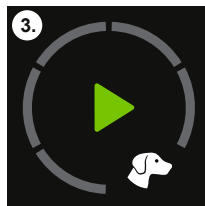
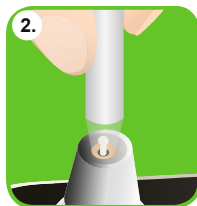


PRECAUTION! Used probes cannot be recycled. Dispose of used probes properly (e.g. in containers for disposable needles or in a bin for metal waste).

Step 1. Enter to the measurement mode by either powering the tonometer on from the Measure button or by selecting the Measurement option in the menu by pressing the Select button.

Step 2. Open the probe tube by removing the cap and insert the probe into the probe base as shown in the image.

Step 3. After loading the probe the tonometer will be ready for measurement when the Play-symbol with dog symbol appears on the display.



6 Probe base light indication

The probe base light serves two purposes. First, it helps guide alignment of the probe by showing a red light when the device is in the wrong position (i.e. too much vertical tilt) and a green light when the orientation is correct. Second, it indicates errors (see section Error and Info Messages) in addition to the display during the measurement sequence. When any of these errors occur, the probe base light flashes red until the error is cleared by pressing the Measure button.

7 Measurement



WARNING! The tonometer must not come into contact with the patient's eyes, except for the probes, which may do so for a fraction of a second during measurement. Do not push the tonometer into the eye (the tip of the probe should be 4-8 mm, or 5/32 - 5/16 in., from the eye).



WARNING! The tonometer must not be dropped. To avoid dropping the tonometer and to ensure safe handling, always use the wrist strap to keep the tonometer attached to your wrist when in use. If the tonometer is dropped and the tonometer casing opens, press the casing to close the openings.

WARNING! Use of eye drops right before the measurement or topical anesthesia may affect the measurement result.

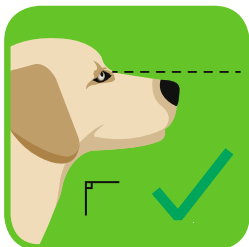
PRECAUTION! If the tonometer is not used for 3 minutes, it will automatically switch off and the probe may fall out.

PRECAUTION! Use the tonometer only for measuring intraocular pressure of animals, any other use is improper. The manufacturer cannot be held liable for any damage arising from improper use of the tonometer, or any consequences thereof.

PRECAUTION! Do not use the device near inflammable substances, including inflammable anesthetic agents.

NOTE! Avoid excessive restraining, as it may alter the IOP. The patient's head should be held as lightly as possible; be careful not to put pressure on the neck or the eye ball. If a collar is worn; make sure it is not too tight or remove it for the measurement.

Step 1. Bring the tonometer near the patient's eye.



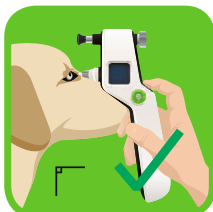
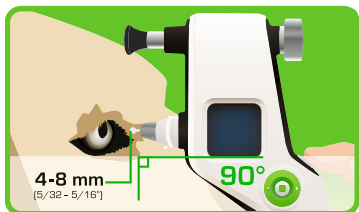
Correct head and eye position



Incorrect head and eye position



Step 2. The probe should be in a horizontal position. Keep the probe horizontal and pointing perpendicularly to the center of the cornea. The distance from the tip of the probe to the patient's cornea (see picture) should be 4-8 mm (5/32 - 5/16 inch).



Correct alignment of the tonometer and green probe base light indicator



Incorrect alignment of the tonometer and red probe base light indicator

Step 3. You may perform the measurement in single or series mode.



Single mode: Press the Measure button lightly to perform the measurement, taking care to keep the tonometer steady. The tip of the probe should make contact with the central cornea. Six measurements should be made consecutively, green segments will be lit after every successful measurement. After each successful measurement, you will hear a short beep.

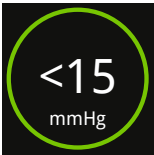
Series mode: Keep the Measure button down to obtain the sequence of six measurements, green segments will be lit after every successful measurement.

To obtain the IOP reading, six measurements are required. **Single measurement values are not shown during the measurement sequence.**



If there is an erroneous measurement, the tonometer will beep twice and display an error message. Press the Measure button to clear the error message. If several erroneous measurements appear, see error messages segment for additional information.

Step 4. Once the six measurements have been performed, you will hear a long beep. The final IOP range will be shown on the display rounded by green (consistent) or yellow (too much variation) segments. There are four possible IOP ranges as shown in figures below. All the IOP ranges can be shown rounded with green or yellow. If the shown IOP range is yellow the variation of the measurements was too high and the measurement should be repeated. Yellow REPEAT symbol will be displayed in case of external disturbance (eg. EMC) during the measurement.

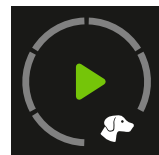


The displayed result is an **average of four measurements** as the highest and the lowest reading are discarded before the average calculation.

The colors green and yellow indication are related to the standard deviation (SD) of the probe's motion parameters of the four remaining measurements. When yellow segments are displayed; the measurement should be repeated.

NOTE! High IOP may cause high fluctuation, which may cause higher standard deviation.

Step 5. Following the performance of the entire measurement, a new measurement series can be begun by pressing the Measure button. The tonometer will then reactivate the probe and be ready for the next measurement series with the Play symbol on the display. The measurement sequence can be aborted by pressing the Select button.





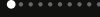
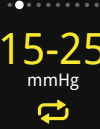












8 Menu functions



Scrolling between the Menu functions starts from the MEASURE display, press either of the Navigation buttons located around the Select button.

Menu functions are MEASURE, HISTORY, SOUND, LANGUAGE and INFO.

 MEASURE	 LOAD	 	MEASURE – Access to measurement Press the Select button to access. If the probe is not loaded the LOAD display appears. Tonometer is ready for measurement when Play-symbol display appears. To exit, press the Select button.
 HISTORY	 15-25 mmHg	 15-25 mmHg	HISTORY – Old measurements Press the Select button to access. Scroll through the old values by pressing either of the Navigation buttons. Value colors green and yellow are related to Standard deviation (SD). To exit, press the Select button.
 SOUND ON	 ON	 OFF	SOUND – Setting of Tonometer buzzer Green text and symbol is active setting. Press the Select button to access. Select the volume setting by pressing either of the Navigation buttons. To accept selection, press the Select button.
 LANGUAGE ENGLISH	 ENGLISH	 ESPAÑOL	LANGUAGE – Language setting Green text is active setting. Press the Select button to access. Scroll through the language options by pressing either of the Navigation buttons. To accept selection, press the Select button.
 INFO	 	 SN 2401RR001 SW 1.00 A	INFO – Device information Press the Select button to access. QR code opens eIFU site (www.tonovet.com/eifu) where electronic manual can be downloaded. Press the Navigation button to see Serial number (SN) and Software version (SW) of the tonometer. To exit, press the Select button.

9 Turning the tonometer OFF


Press the Select button until the display shows the End-symbol.










If you do not use the tonometer, it will switch off automatically after 3 minutes.

10 Error and info messages

The following messages may appear on the display:

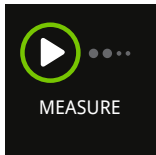
MESSAGE	DESCRIPTION	ACTIONS
	Battery charge is low.	Prepare to replace the batteries.

 CHANGE	The batteries are empty.	Turn the tonometer OFF by pressing Select button. Replace the batteries.
 CHANGE	The probe did not move.	Change the probe. The probe may be twisted or otherwise inserted incorrectly. To clear error messages, press the Measure button, after which the measurement can be repeated.
 CLEAN CHANGE	The probe did not move properly for several times during the measurement sequence.	Remove and clean the probe base or replace it with new one as instructed in Replacing/Cleaning the probe base. To clear error messages, press the Measure button, after which the measurement can be repeated.
 TOO FAR	The probe did not touch the eye.	Adjust correct measurement distance 4-8 mm (5/32-5/16 inch). The measurement was taken from too far away. To clear error messages, press the Measure button, after which the measurement can be repeated.
 TOO NEAR	Too short measurement distance between the probe and the cornea.	Adjust correct measurement distance 4-8 mm (5/32- 5/16 inch). The measurement was taken from too close. To clear error messages, press the Measure button, after which the measurement can be repeated.
 REPEAT	The error was caused by an external factor during the measurement.	Repeat the measurement as instructed above.
 REPEAT	The probe did not move properly or did not make clean contact with the cornea, because the probe hit an eyelid or eyelashes.	Ensure that the eye is open and measure again. To clear error messages, press the Measure button, after which the measurement can be repeated.
SERVICE	Internal error detected.	Turn the tonometer OFF by pressing Select button. Contact the seller to arrange sending the device for service.

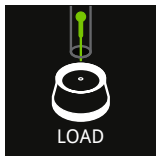
11 Measurement flow chart



Turn the tonometer ON by pressing Select or Measure button



This is displayed if you pressed the Select button, pressing of Measure button would lead you directly to Load Probe



Load probe



Ready to measure



Measure 6 times by pressing Measure button (green color bar shows the progress)



Consistent measurement with none or insignificant deviation.



The measurements standard deviation is too high. The measurement should be repeated.



Turn the tonometer OFF by pressing Select button > 3 seconds

12 Accessories

To order accessories, parts, and other supplies, contact your local distributor.

ITEM	PRODUCT DESCRIPTION	WEIGHT	DIMENSIONS
Accessories			
103	iCare TONOVET Probes, TVP01, 100 pcs/box	89 g	53 x 109 x 36 mm
108	Box of 20 probes	14 g	13 x 57 x 46 mm
Parts			
7218	Probe base collar, narrow	1 g	17 x 18 mm
540	Probe base	4 g	7 x 38 mm
559	Wrist strap with adjust lock	4 g	10 x 10 x 270 mm
7169	Battery cover & screw	6 g	110 x 25 x 12 mm
Other supplies			
534	Case TV012	232 g	270 x 135 x 60 mm
999	Quick Guide	19 g	210 x 90 mm
548	Screwdriver	15 g	16 x 90 mm
650	Icare stand	1170 g	130 x 115 x 295 mm

13 Technical information

Type: TV012

Dimensions: 24 - 29 mm (W) * 35 - 95 mm (H) * 215 mm (L)

Weight: 140 g (without batteries), 230 g (4 x AA batteries)

Power supply: 4 x AA non-rechargeable batteries, 1.5V alkaline LR6

Measurement range: 10 - 60 mmHg

Accuracy: ± 2.5 mmHg (10 - 30 mmHg) and $\pm 10\%$ (>30 - 60 mmHg)

Repeatability (coefficient of variation): < 8 %

Display unit: Millimeter of mercury (mmHg)

Mode of operation: continuous

Operation environment:

Temperature: +10 °C to +35 °C

Relative humidity: 30 % to 90 %

Atmospheric pressure: 800 hPa - 1,060 hPa

Storage environment:

Temperature: -10 °C to +55 °C

Relative humidity: 10 % to 95 %

Atmospheric pressure: 700 hPa - 1,060 hPa

Transport environment:

Temperature: -40 °C to +70 °C

Relative humidity: 10 % to 95 %

Atmospheric pressure: 500 hPa - 1,060 hPa

The serial number is on the inside of the battery compartment cover. There are no electrical connections from the tonometer to the patient. The device has BF-type electric shock protection.

14 Maintenance

WARNING! The tonometer should only be opened by qualified service personnel. It contains no user serviceable parts, apart from the batteries and a probe base. The iCare TONOVET tonometer requires no routine servicing or calibration other than changing the batteries at least every 12 months and changing or cleaning the probe base. If servicing is necessary, contact your local iCare representative.

WARNING! Servicing or maintenance actions must not be performed while the tonometer is in use.

WARNING! The tonometer must not be repaired or re-assembled by any other than the manufacturer or its authorized service center. If the tonometer is broken, do not use it. Take it to an authorized iCare service center for repair.

PRECAUTION! The probe base, battery compartment cover, screws, collar, and probes are so small that a child or an animal could swallow them. Keep the tonometer out of reach of children and animals.

PRECAUTION! Never open the casing of the tonometer, except for battery replacement or changing the probe base. This manual contains instructions for replacing batteries and changing the probe base.

PRECAUTION! Do not use the device if it appears to be damaged or malfunctioning. The device must be delivered to service for repair.

Follow local regulations and recycling instructions regarding the disposal or recycling of the iCare TONOVET tonometer and accessories.

14.1 Replacing or cleaning the probe base

WARNING! Switch off the tonometer before you change the probe base.

NOTE! Replace the probe base every 12 months. Clean the probe base every 6 months.

During the use some dirt may collect in the probe base, affecting the probe movement. Clean or replace the probe base if the error message Clean Change is displayed. The cleanest probe base is a new probe base.

Instructions for replacing the probe base:

STEP 1. Turn off the tonometer.

STEP 2. Unscrew the probe base collar.

STEP 3. Remove the probe base by tilting the tonometer downwards and pulling the probe base out of the tonometer.

STEP 4. Insert a new probe base into the tonometer.

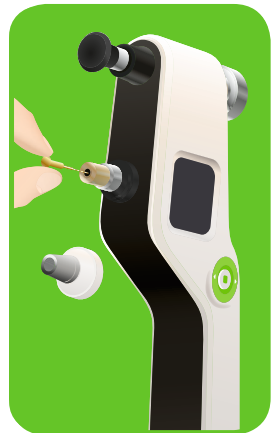
STEP 5. Screw the collar in, to lock the probe base.

Instructions for cleaning the probe base:

STEP 1. Fill a clean container with 70-100 % isopropyl alcohol.

STEP 2. Turn power off from the tonometer.

STEP 3. Unscrew the probe base collar.



STEP 4. Remove the probe base by tilting the tonometer downwards and pulling the probe base out of the tonometer.

STEP 5. Insert the probe base into the container and let soak for 5–30 minutes.

STEP 6. Remove the probe base from alcohol.

STEP 7. Dry the probe base by blowing clean canned or compressed air into the hole in the probe base. This will additionally remove possible residual dirt.

STEP 8. Insert the probe base into the tonometer.

STEP 9. Screw the collar in, to lock the probe base.

14.2 Cleaning the tonometer



WARNING! Never immerse the iCare TONOVET tonometer, spray, pour or spill liquid onto the iCare TONOVET tonometer, its accessories, connectors, switches or openings in the chassis. Dry any liquid on the surface of the tonometer immediately.



PRECAUTION! Certain microbiological agents (for example, bacteria) can be transmitted from the measuring support. To prevent this, clean the measuring support with disinfectant for each new patient.

iCare TONOVET tonometer's surfaces have been tested and found chemically resistant to the following liquids:

- 70-100 % isopropyl alcohol
- 70% ethanol

Cleaning instructions for surfaces:

- Turn the power off.
- Dampen a soft cloth with one of the liquids mentioned above.
- Lightly wipe the surfaces of the tonometer with the soft cloth.
- Dry the surfaces with a dry soft cloth.

14.3 Returning the iCare TONOVET tonometer for servicing / repair

Contact your local iCare representative for shipping instructions. Unless otherwise instructed by Icare Finland, there is no need to ship accessories along with the tonometer. Use a suitable carton with the appropriate packaging material to protect the device during shipment. Return the device using any shipping method that includes proof of delivery.

14.4 Periodic safety checks

Do the following checks to the tonometer every 12 months:

- Make sure that it functions correctly
- Inspect the tonometer visually for any mechanical damage and legibility of the safety labels.

14.5 Recycling

Do not dispose of the tonometer in household waste. Send it to an appropriate facility for recovery and recycling. The tonometer should be recycled as electronic waste.

The separate collection and recycling of your product or its battery at the time of disposal help conserve natural resources and ensure that it is recycled in a manner that protects human health, animal welfare and the environment.

15 Symbols



WARNING! Removing, covering or defacing any label or sign of the device voids all responsibilities and liabilities of the manufacturer concerning the safety and effectiveness of the tonometer.

Device markings can be found marked on the handle of the device.



General warning sign



Serial number



Keep dry



Lot number



Manufacturer



Manufacturing date



Single use only



Type BF applied part



Waste from Electrical and Electronic Equipment



Consult operating instructions



Humidity limitation



Atmospheric pressure limitation



Temperature limitation



CE mark



Non-ionizing electromagnetic radiation



The Regulatory Compliance Mark (RCM), in Australia and New Zealand

16 Electromagnetic declaration



WARNING! Use of any accessories and cables other than those specified in the manufacturer's documentation, with the exception of cables sold by the manufacturer as replacement parts for internal components, may result in increased emissions or decreased immunity of the iCare TONOVET Pet tonometer.




WARNING! Use of any accessory or cable with the iCare TONOVET Pet tonometer other than those specified may result in increased emissions or decreased immunity of the iCare TONOVET Pet tonometer. TV012 is class B equipment and needs special precautions regarding EMC and needs to be installed and put into service according to EMC information provided in Instruction for use manual.

Guidance And Manufacturer's Declaration IEC 60601-1-2:2014; Edition 4.0 – Electromagnetic emissions		
iCare TONOVET Pet tonometer (TV012) is intended for use in home and clinic environments with electromagnetic characteristics specified below. The user of the iCare TONOVET Pet tonometer (TV012) should assure that it is used in such an environment.		
RF emissions CISPR 11	Group 1	iCare TONOVET Pet tonometer (TV012) is battery operated and use RF energy only for its internal function. Therefore, its RF emissions are low and are not likely to cause any interference in nearby equipment.
RF emissions CISPR 11	Class B	iCare TONOVET Pet tonometer (TV012) is suitable for use in all establishments, including domestic establishments and those directly connected to public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonic emissions IEC 61000-3-2	NOT APPLICABLE	NOT APPLICABLE
Voltage fluctuations flickering emissions IEC 61000-3-3	NOT APPLICABLE	NOT APPLICABLE


Guidance And Manufacturer's Declaration IEC 60601-1-2:2014; Edition 4.0 – Electromagnetic immunity			
iCare TONOVET Pet tonometer (TV012) is intended for use in home and clinic environments with electromagnetic characteristics.			
Immunity test	IEC 60601 Test level	Compliance level	Electromagnetic environment-Guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8 kV contact ± 2 kV, ± 4 kV, ± 8 kV, ± 15 kV air	± 8 kV contact ± 15 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %
Electrical fast Transients/burst IEC 61000-4-4	±2 kV 100 kHz repetition frequency	NOT APPLICABLE	NOT APPLICABLE
Surge IEC 61000-4-5	±1 kV for line(s) to line(s) ±2 kV for line(s) to earth	NOT APPLICABLE	NOT APPLICABLE
Voltage dips, short interruption and voltage variations on power supply lines IEC 61000-4-11	0 % UT for 0.5 cycle (1 phase) 0 % UT for 1 cycle 70 % UT for 25/30 cycles (50/60 Hz) 0 % UT for 250/300 cycles (50/60 Hz)	NOT APPLICABLE	NOT APPLICABLE

Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m	<p>Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.</p> <p>WARNING: Sources of power frequency magnetic field should be used no closer than 15 cm (6 inches) to any part of iCare TONOVET Pet (TV012), including cables specified by the manufacturer. Otherwise, degradation of the performance could result.</p> <p>The measurement method of the iCare TONOVET Pet tonometer is based on magnetic induction and therefore an external magnetic field in line with the probe may prevent the measurement. In such case the tonometer will continuously ask to repeat the measurement. Situation can be solved either by removing the source of interference from the vicinity of the device or by performing the measurement in different location with no such interference.</p>
Conducted disturbances induced by RF fields IEC 61000-4-6	<p>3 V 0,15 MHz – 80 MHz</p> <p>6 V in ISM and amateur radio bands between 0,15 MHz and 80 MHz 80 % AM at 1 kHz</p>	NOT APPLICABLE	NOT APPLICABLE

Guidance And Manufacturer's Declaration IEC 60601-1-2:2014; Edition 4.0 – Electromagnetic immunity			
iCare TONOVET Pet tonometer (TV012) is intended for use in home and clinic environments with electromagnetic characteristics.			
Immunity test	IEC 60601 Test level	Compliance level	Electromagnetic environment-Guidance
Radiated RF IEC 61000-4-3	10 V/m 80MHz to 2,7 GHz	10 V/m	<p>Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the iCare TONOVET Pet tonometer (TV012) including cables specified by the manufacturer, to avoid the degradation of performance. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the iCare TONOVET Pet tonometer (TV012). Interference may occur in the vicinity of equipment marked with the following symbol:</p> 
Conducted RF IEC 61000-4-6	3Vrms 150 kHz to 80 MHz	NOT APPLICABLE	

Guidance And Manufacturer's Declaration IEC 60601-1-2:2014; Edition 4.0 - Electromagnetic Immunity

iCare TONOVET Pet tonometer (TV012) is intended for use in home and clinic environments with electromagnetic characteristics specified below. The user of the iCare TONOVET Pet tonometer (TV012) should assure that it is used in such an environment.

Immunity test	IEC 60601 test level	Compliance level	Electromagnetic environment guidance
Proximity fields from RF wireless communications equipment IEC 61000-4-3	380 - 390 MHz 27 V/ m; PM 50%; 18 Hz 430 - 470 MHz 28 V/m; (FM ±5 kHz, 1 kHz sine) PM; 18 Hz 704 - 787 MHz 9 V/m; PM 50%; 217 Hz 800 - 960 MHz 28 V/m; PM 50%; 18 Hz 1700 - 1990 MHz 28 V/m; PM 50%; 217 Hz 2400 - 2570 MHz 28 V/m; PM 50%; 217 Hz 5100 - 5800 MHz 9 V/ m; PM 50%; 217 Hz	27 V/m 28 V/m 9 V/m 28 V/m 28 V/m 28 V/m 9 V/m	WARNING: Portable RF communications equipment (including peripherals such as antenna cables and external antennas) should be used no closer than 30 cm (12 inches) to any part of the iCare IC100 (TA011) including cables specified by the manufacturer. Otherwise, degradation of the performance of this equipment could result. Interference may occur in the vicinity of equipment marked with the following symbol: 



Icare Finland Oy

Äyritie 22

01510 Vantaa, Finland

Ph. +358 9 8775 1150

info@icare-world.com

www.tonovet.com

icare

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