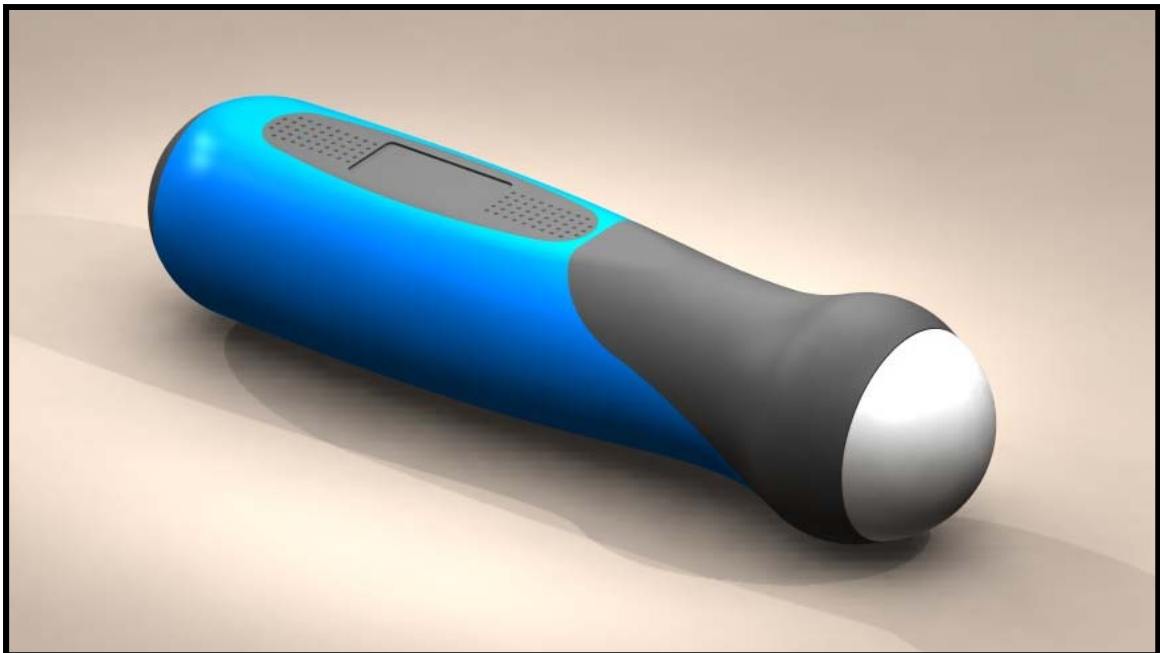




Maryama

Plug & Play USB ultrasound System

USB ULTRASOUND PROBE SYSTEM



Supplied by:

**Maryama Surgical SPRL.
Rue de Ribaucourt 202.
1080 Brussels, Belgium**

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info@maryama.be**

Distributed by:

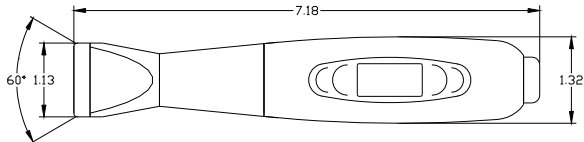
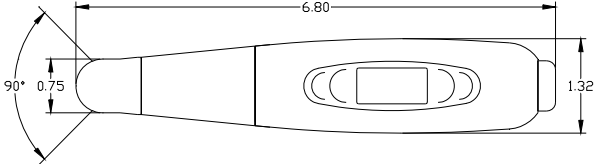
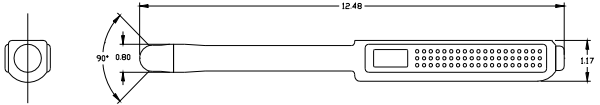
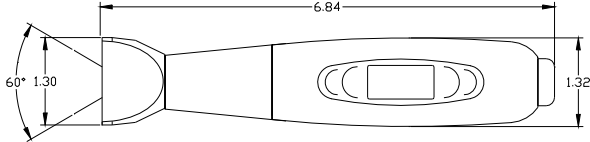
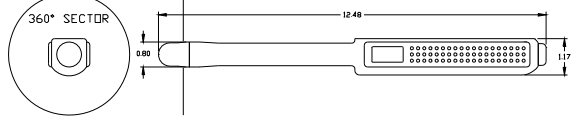
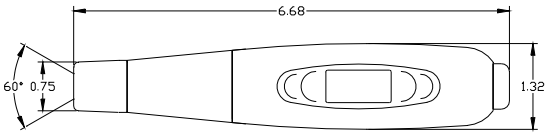


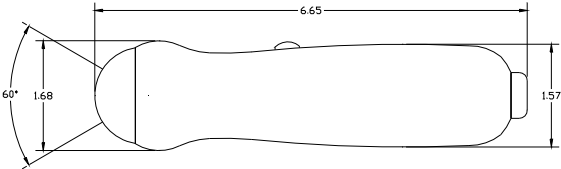
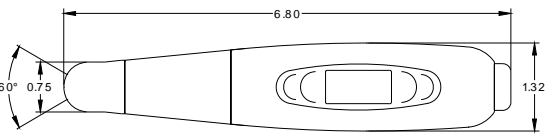
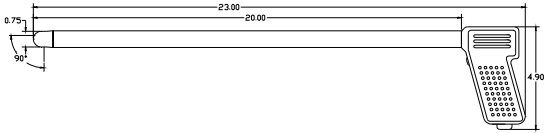
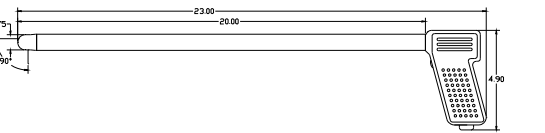
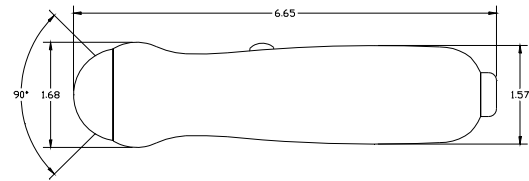
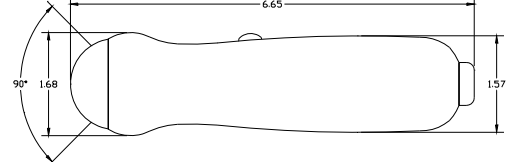
This user guide is applicable to but not limited to the following probes:

- 3.5 MHz General Purpose (GP)
- 5.0 MHz General Purpose (GP)
- 5.0 MHz General Purpose Veterinary (GV)
- 7.5 MHz Small Parts (SP)
- 7.5 MHz Endocavity (EC)
- 7.5 MHz Vascular (SR)
- 7.5 MHz Endo-rectal (ER)
- 7.5 MHz Small Parts Veterinary (SV)
- 7.5 MHz General Purpose (GS)
- 7.5 MHz General Purpose (GP)
- 12.0 MHz Micro Vascular (MV)
- 12.0 MHz Ophthalmic

Information in this document is subject to change without notice.

Maryama probes and their applications

Description	Product Design	Product Targeted Use
<p>USB PROBE, MV 12.0 MHZ</p>		<p>Human Vascular - Phlebotomy Focal Point - 0.5cm Max depth - 2.0cm Patient contact area - 25mm Displayed depth - 3cm</p>
<p>USB PROBE, SP 7.5 MHZ</p>		<p>Human Superficial Anatomy Focal Point - 2.0cm Max depth - 10.0cm Patient contact area - 20mm Displayed depth - 5cm; 10cm</p>
<p>USB PROBE, EC 7.5 MHZ</p>		<p>Human Endo-cavity/trans vaginal - OB/GYN Focal Point - 2.5cm Max depth - 10 cm Patient contact area - 21mm Displayed depth - 5cm; 10cm</p>
<p>USB PROBE, SR 7.5 MHZ</p>		<p>Human Superficial Anatomy Focal Point - 2.0cm Max depth - 10.0cm Patient contact area - 20mm Displayed depth - 3cm; 5cm; 6cm; 10cm</p>
<p>USB PROBE, ER 7.5 MHZ</p>		<p>Human Endo-cavity trans rectal Focal Point - 2.5cm Max depth - 10 cm Patient contact area - 64mm Displayed depth - 5cm; 10cm</p>
<p>USB PROBE, OP 12 MHZ</p>		<p>Human - Ophthalmology Posterior eye anatomy Focal Point - 1.7cm Max depth - 6cm Patient contact area - 16mm Displayed depth - 3cm; 5cm; 6cm; 10cm</p>

<p>USB PROBE, GV 5.0 MHZ, VET</p>		<p>Veterinary Abdominal medium/large dogs; large cat Focal Point - 3cm Max depth - 15cm Patient contact area -21mm Displayed depth - 10cm; 15cm</p>
<p>USB PROBE, SV 7.5 MHZ</p>		<p>Veterinary Abdominal/Thoracic small dogs ; cats Focal Point - 2cm Max depth - 10cm Patient contact area -13mm Displayed depth - 5cm; 10cm</p>
<p>USB PROBE, GS 5.0 MHZ, LONG, VET</p>		<p>Veterinary trans-rectal Bovine Reproduction Focal Point - 6cm Max depth - 20cm Patient contact area -21mm Displayed depth - 5cm; 10cm</p>
<p>USB PROBE, GS 7.5 MHZ, LONG, VET</p>		<p>Veterinary trans-rectal Bovine Reproduction Focal Point - 2.5mm Max depth - 10cm Patient contact area -21mm Displayed depth - 5cm; 10cm</p>
<p>USB PROBE, GP 5.0 MHZ, HMN</p>		<p>Human - Abdominal Focal Point - 6mm Max depth - 20cm Patient contact area - 32mm Displayed depth - 10cm; 15cm; 20cm</p>
<p>USB PROBE, GP 3.5 MHZ, HMN</p>		<p>Human - Abdominal Focal Point - 7.5mm Max depth - 20cm Patient contact area - 35mm Displayed depth - 10cm; 15cm; 20cm</p>

Maryama probes indications for use

1. USB Transducer GP 2.5 MHz:

This device is a hand-held, single element, mechanical sector probe intended for transcutaneous use with Maryama USB ULTRASOUND PROBE SYSTEM. The nominal operating frequency is 2.5 MHz. In B-mode the transducer operates over a 36 mm area as an end-firing probe. This device is intended for use with USB ULTRASOUND PROBE SYSTEM for the transcutaneous deep imaging of abdominal organs and structures including the gastrointestinal tract, kidney, bladder, etc., to aid in the detection and assessment of physical and functional abnormalities using established diagnostic criteria.

2. USB Transducer GP 3.5 MHz:

This device is a hand-held, single element, mechanical sector probe intended for transcutaneous use with USB ULTRASOUND PROBE SYSTEM. The nominal operating frequency is 3.5 MHz. In B-mode the transducer operates over a 35 mm area as an end-firing probe. This device is intended for use with USB ULTRASOUND PROBE SYSTEM for the transcutaneous imaging of neonatal, abdominal organs and structures including the gastrointestinal tract, kidney, bladder, etc., to aid in the detection and assessment of physical and functional abnormalities using established diagnostic criteria.

3. USB Transducer GP 5.0 MHz:

This device is a hand-held, single element, mechanical sector probe intended for transcutaneous use with USB ULTRASOUND PROBE SYSTEM. The nominal operating frequency is 5.0 MHz. In B-mode the transducer operates over a 32 mm area as an end-firing probe. This device is intended for use with USB ULTRASOUND PROBE SYSTEM for the transcutaneous imaging of neonatal, abdominal organs and structures including the gastrointestinal tract, kidney, bladder, etc., to aid in the detection and assessment of physical and functional abnormalities using established diagnostic criteria.

4. USB Transducer SP 7.5 MHz:

This device is a hand-held, single element, mechanical sector probe intended for transcutaneous use with USB ULTRASOUND PROBE SYSTEM. The nominal operating frequency is 7.5 MHz. In B-mode the transducer operates over a 20 mm area as an end-firing probe. This device is intended for use with USB ULTRASOUND PROBE SYSTEM for the transcutaneous imaging of neonatal, abdominal organs and structures including the gastrointestinal tract, kidney, bladder, etc., peripheral vessels and as a small organs aid in the detection and assessment of physical and functional abnormalities using established diagnostic criteria.

5. USB Transducer SF 7.5 MHz:

This device is a hand-held, single element, mechanical sector probe intended for

transcutaneous use with USB ULTRASOUND PROBE SYSTEM. The nominal operating frequency is 7.5 MHz. In B-mode the transducer operates over a 64 mm area as a side-firing probe. This device is intended for use with USB ULTRASOUND PROBE SYSTEM for the transcutaneous imaging of endocavity

etc. and as a small organs aid in the detection and assessment of physical and functional abnormalities using established diagnostic criteria.

6. USB Transducer MV 12.0 MHz:

This device is a hand-held, single element, mechanical sector probe intended for transcutaneous use with USB ULTRASOUND PROBE SYSTEM. The nominal operating frequency is 12 MHz. In B-mode the transducer operates over a 29 mm area as an end-firing probe. This device is intended for use with USB ULTRASOUND PROBE SYSTEM for the transcutaneous imaging of peripheral vessels and as a small organs aid in the detection and assessment of physical and functional abnormalities using established diagnostic criteria.

7. USB Transducer OP 12.0 MHz:

This device is a hand-held, single element, mechanical sector probe intended for transcutaneous use with USB ULTRASOUND PROBE SYSTEM. The nominal operating frequency is 12.0 MHz. In B-mode the transducer operates over a 16 mm area as an end-firing probe. This device is intended for use with USB ULTRASOUND PROBE SYSTEM for the transcutaneous imaging of eyes, etc. and as a small organs aid in the detection and assessment of physical and functional abnormalities using established diagnostic criteria.

8. USB Transducer VC 7.5 MHz:

This device is a hand-held, single element, mechanical sector probe intended for transcutaneous use with USB ULTRASOUND PROBE SYSTEM. The nominal operating frequency is 7.5 MHz. In B-mode the transducer operates over a 29 mm area as an end-firing probe. This device is intended for use with USB ULTRASOUND PROBE SYSTEM for the transcutaneous imaging of peripheral vessels and as a small organs aid in the detection and assessment of physical and functional abnormalities using established diagnostic criteria.

9. USB Transducer EC 7.5 MHz:

This device is a hand-held, single element, mechanical sector probe intended for transcutaneous use with USB ULTRASOUND PROBE SYSTEM. The nominal operating frequency is 7.5 MHz. In Maryama USB-mode the transducer operates over a 21 mm area as a side-firing probe. This device is intended for use with INTERSON USB ULTRASOUND PROBE SYSTEM for the transcutaneous imaging of endocavity etc. and as a small organs aid in the detection and assessment of physical and functional abnormalities using established diagnostic criteria.