



Clarius HD3



Butterfly iQ+



Vscan Air SL/CL



Lumify



KOSMOS



Exo Iris

## General Specifications

<b>Connection</b>	Wireless	Wired	Wireless	Wired	Wired	Wired
<b>Mobile Support</b>	iOS/Android	iOS/Android	iOS/Android	Android/iOS with \$750 attachment	iOS/Android	iOS
<b>Warranty</b>	Standard: 3 years Extended: Optional	Standard: 1 year or 3 years with Pro	Standard: 3 years	Standard: 5 years Extended: Optional	Standard: 5 years	Standard: 1 year or 3 years with Essentials
<b>Price</b>	Starting \$3,595 with \$595 annual subscription	\$2,699 with \$420 annual subscription	\$4,855	\$6,000	\$6,000	\$500 annual subscription (first year is included)
<b>Cloud Support</b>	Included with membership	Included with subscription	Tricify: \$1,200 per 1k exams annually	Tricify: \$1,200 per 1k exams annually	Included	Included with subscription
<b>3-Year Cost</b>	\$4,190 with 3 year membership Premium Scanners: \$7,180	\$4,499 "all in bundle" (3 year membership & warranty)	\$9,775 "all in bundle"	\$9,600 "all in bundle"	\$6,000	\$4,500 (+3 Year Essentials Membership)

## Probe Specifications

<b>Technology</b>	Piezoelectric Ceramics	CMUT/CMOS-Based	Piezoelectric Ceramics	Piezoelectric Ceramics	Piezoelectric Ceramics	pMUT-Based
<b>Beamformers</b>	8	1	1	1	2	1
<b>Probe Type (# of elements)</b>	Convex - 192 Microconvex - 192 Phased Array - 80 Linear - 192 High Freq Linear - 192 Ultra-high Freq Linear - 192 Endocavity - 192 Phased & Linear*- 192	Multi-Probe Linear/PA (9,000 CMUT array)  <b>NOTE:</b> Array is not equaliant to PZT element count	Double Ended (Convex - 128/Linear - 192)	Convex - 128 Phased Array - 64 Linear - 128	Phased Array - 90 Linear - 192	Multi-Probe 3-in-1 (Linear, Curved, Phased Array) 4,096 PMUT array  <b>NOTE:</b> Array is not equivalent to PZT element count
<b>Frequency</b>	Curved - 2-10 MHz Linear - 4-20 MHz Phased - 1-5 MHz Phased & Linear* 1 - 15 MHz	1-10 MHz	Curved - 2-5 MHz Linear - 3-12 MHz Phased: 1.6 - 3.6 MHz	Curved - 2-5 MHz Linear - 4-12 MHz Phased - 1-4 MHz	Phased - 2-5 MHz Linear - 4-7 MHz	1 - 12 MHz

\* Available in USA Only

✔ Available Standard    ✔ Available with subscription or extra one-time charge    ✘ Not Available

While every effort has been made to ensure the accuracy and completeness of this guide, the information is for general use. No guarantee is given in relation to the accuracy, reliability or appropriateness of any information. Users are therefore encouraged to consult with each respective company to ensure accuracy before making any decision. **Updated:** Oct 2023 - MKTG-00163 Rev2



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## Imaging Experience

<b>Max Depth</b>	Curved - 40 cm Linear - 11 cm Phased - 40 cm Phased + Linear* - 40cm	30 cm	Curved - 24 cm Linear - 12 cm Phased: 24cm	Curved - 30 cm Linear - 8 cm Phased - 24 cm	Phased - 30 cm Linear - 10 cm	30cm
<b>Max Framerate</b>	30 FPS	-	-	-	28 FPS	-
<b>Weight</b>	304 g - 410 g	309 g	205 g	96 g (w/o cable)	227 g	310 g
<b>Dimensions</b>	164 x 78 x 38 mm	163 x 56 x 35 mm	131 x 64 x 31 mm	102 x 51 mm	150 x 56 x 35 mm	142 x 36 x 51 mm
<b>Footprint (Lens)</b>	C3 Convex - 15.5 x 59 mm L7 Linear - 7 x 41.2 mm L15 Linear - 6.75 x 52.5 mm L20 Linear - 6 x 28 mm C7 Microconvex - 7.65 x 36 mm EC7 Endocavity - 7.65 x 21.5 mm PA Phased Array - 17 x 25 mm Phased + Linear Array* - 32.3 x 22.6 mm	33 x 18 mm	Linear - 40 x 7 mm Curved - 64 x 16 mm Phased - 22 x 17mm	Curved - 50 x 14 mm Linear - 34.5 x 8 mm Phased - 20 x 7 mm	Phased - 20.7 x 16 mm Linear - 38 x 8 mm	25 x 15 m
<b>Field of View</b>	C3 Convex - 73° L7 Linear - 38 mm L15 Linear - 50 mm L20 Linear - 25 mm C7 Microconvex - 112° EC7 Endocavity - 164° PA Phased Array - 90° Phased + Linear Array* - 90° (PA) 29mm (Linear)	90°	Linear - 40 mm Curved - 60°	Curved - 67.5° Linear - 34.5 mm Phased - 90°	Phased - 90° Linear - 38 mm	60° - 150°
<b>Probe Button</b>	✔ Customizable	✘	✔ Freeze/Save	✘	✘	✘
<b>Imaging Modes</b>	B, M, Color Doppler, Power Doppler, Pulsed Wave	B, M, Color Doppler, Power Doppler, Pulsed Wave	B, M, Color Doppler, Power Doppler, Pulsed Wave	B, M, Color Doppler, Power Doppler	B, M, Color Doppler, Power Doppler, Pulsed Wave, Continuous Wave Doppler	B, M, Color Doppler, Power Doppler

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## Probe Specifications

<b>Battery</b>	Internal Battery 60 mins continuous 90 mins recharge	Internal Battery 120 mins continuous 5 hours recharge	Internal Battery 50 mins continuous 75 mins recharge	Powered by Paired Android Device (or External Battery with Apple Device)	Internal Battery 90 mins continuous 3 hours recharge	Internal Battery 120 mins continuous 2 -hours (wireless) 5 hours (wired)
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<b>Battery Lifetime</b>	500 cycles	400 cycles	500 cycles	-	-	-
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<b>Smart Power Management</b>	✓	✓	✓	✗	✗	✗
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## Durability

<b>Waterproof Rating</b>	IP67	IP67 (Up to the connector)	IP67	IPX7 (Water resistant only)	IPX7 (Water resistant only)	IP67 (up to the connector)
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<b>Drop Tested</b>	1.2 m (4 ft)	1.2 m (4 ft)	1.2 m (4 ft) / MIL-810G	1 m (3 ft)	1 m (3 ft)	1 m (3 ft)
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<b>Battery Charger</b>	✓	✓	✓	✗	✗	✓
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<b>Carrying Case Option</b>	✓	✓	✓	✓	✗	✗
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## Imaging Features

<b>Auto Image Optimization (TGC)</b>	✓	✓	-	✓	✓	✓
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<b>Spatial Compounding</b>	✓	✗	✗	✓	✓	✗
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<b>Tissue Harmonic Imaging</b>	✓	✗	✓	✓	✓	✓
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<b>TGC Controls</b>	✓	✓	✓	✓	✓	✓
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## Applications

Presets	Clarius HD3	Butterfly iQ+	Vscan Air SL/CL	Lumify	KOSMOS	Exo Iris
	Abdominal, Aesthetics, Arterial, BBL, Bladder, Breast, Carotid, Cardiac, Cheek, Chin, Dermatology, Early OB, Forehead, Intraorbital, IVF, IVF, Lips, Lower Extremity Arterial/Venous, Lung, MSK (Foot/Ankle, Hip, Hip Joint, Plantar, Shoulder, Spine, Hand/Wrist), Nerve, OB/GYN, Ocular, Pediatrics, Pelvic, Plastic Surgery, Podiatry, Prostate, Piriform, Rheumatology, Sclerotherapy, Small Parts, Speech Therapy, Superficial, Thyroid, Transcranial, Vascular, Venous (*Presets will vary by scanner and specialty software)	Abdomen, Abdomen Deep, Aorta & Gall Bladder, Bladder, Cardiac, Cardiac Deep, FAST, Lung, MSK-soft tissue, Musculoskeletal, Nerve, OB/GYN, OB 2/3, Ophthalmic, Pediatric Abdomen, Pediatric Cardiac, Pediatric Lung, Small Organ, Vascular: Access, Vascular: Carotid, Vascular: Deep Vein, Vascular: Face	Abdomen, OB/GYN, MSK, Cardiac, Vascular, Lung, Nerves, Small Parts, Neo Head, MSK, Lung, Ophthalmic, Urology, International Guidance	Abdominal, Gall Bladder, Lung, Soft Tissue, Vascular, Superficial, Musculoskeletal, Cardiac, OB/GYN, FAST	Soft Tissue, Vascular, Superficial, Musculoskeletal, Lung, Cardiac, Abdomen, FAST	Aorta, Bladder, Breast, Biliary, Cardiac, Deep Vein, eFAST/FAST, GYN, Lung, MSK, OB1, OB2/3, Ocular, Renal, Testicular, Arterial Access, Central Venous Line, Nerve Block Paracentesis, Peripheral IV, Thoracentesis

## 2D image (B-mode) Controls

Depth	✓	✓	✓	✓	✓	✓
Freeze	✓	✓	✓	✓	✓	✓
Gain	✓	✓	✓	✓	✓	✓

## Color Doppler Controls

Steering Angle	✓	✓	✓	✓	✓	✓
Color Box Size	✓	✓	✓	✓	✓	✓
Scale (fast / slow)	✓	✓	✓	✓	✓	✓
Gain	✓	✓	✓	✓	✓	✓



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### Advanced Imaging / Tools

Telemedicine	✓	✓ Limited # of Devices	✗	✗	First-Year Free \$67/User/Year	✗	✗
OB Calculations	✓	✓	✓	✓	✓	✓	✓
Biopsy Guide	✓ EC7 Only	✗	✗	✗	✗	✗	✗
Bladder Meas.	✓	✓	Through GE Marketplace		✓	✗	✓
Pulse Inversion	✓	✗	✗	✗	✗	✓	✗
Spectral Trace	✓	✗	✗	✗	✗	✗	✗
Dynamic Range	✓	✗	✗	✗	✗	✓	✗
Trapezoidal	✓	✗	✗	✗	✗	✗	✗
Chroma Mode	✓	✗	✗	✗	✗	✗	✗
HD Zoom	✓	✗	✗	✗	✗	✓	✗
Photographic Captures	✓	✗	✗	✗	✗	✗	✗
Custom Presets	✓	✓	✗	✗	✗	✗	TBA
Exam Shelving	✓	✓	✓	✓	✓	-	✓
Exam Protocols	✓	✓	✗	✗	✗	-	✓



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### Advanced Imaging / Tools (Con't)

Virtual PA	✓	✓	✗	✗	✗	✗
Penetration Mode	✓	✗	✗	✗	✗	✗
Focal Zone	✓	✗	✗	✗	✗	✗
Smoothing	✓	✗	✗	✗	✗	✗
Voice Controls	✓	✗	✗	✗	✗	✗
Split Screen	✓	✗	✗	✗	✗	✗
Procedure Recording Mode	✓	✗	✗	✗	✗	✗

### M-mode

Depth, Freeze, Gain, M-Line	✓	✓	Lung Mode Only	✓	✓	✓
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### Pulsed Wave Doppler

Real-Time Gate Adjustment	✓	✓	✗	✗	-	✗
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### Optional Imaging Modes

Elastography	✓	✗	✗	✗	✗	✗
Needle Enhance	✓	✓	✗	✗	✓	✗



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## AI Features

AI Powered	✓	✓	Through GE Marketplace	✗	✓	✓
Auto Preset	✓	✗	✗	✗	✗	✗
Auto Bladder Volume	Coming Soon	✓	Through GE Marketplace	✗	✓	✓
Auto Ejection Fraction	Coming Soon	Available Only in EU	Through GE Marketplace	✗	✓	✗
MSK AI	✓	✗	✗	✗	✗	✗

## Storage / Export

Local Clips/ Image Export	✓	✓	✓	✓	✓	✓
DICOM Export	✓	✓	✓	✓	✓	✓
Worklist Support	✓	✓	✓	✓	✓	✓
EMR Vendor Support	Coming Soon	✓	✓	✓	✗	✓
In-App PDF Reports	✓	✗	✗	✗	✗	✗

## Education

Educational Platform	✓	✓	Extra: 3rd Party	✓	✓	-
In-App Education	✓	✓	Extra: 3rd Party	✗	✗	-



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## Cloud Features

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Unlimited Secure Cloud Storage	✓	✓	✓	✓	✗	✓
PDF Study Downloads	✓	✓	✓	✓	✓	✓
Share Studies	✓	✓	✗	✗	-	✓
Share Studies via De-Identified Link	✓	✓	✓	✓	✗	✓
Markup Tools	✓	✓	✗	✗	✗	-
Team Commenting	✓	✓	✗	✗	✗	-
Interface API	✓	✓	✗	✗	✗	-