

eL18-4 Transducer

Ultra-broadband linear array with PureWave technology



Learn more about the Philips eL18-4 ultra-broadband array transducer with PureWave crystal technology in specification table below.

Specifications

Specifications

Technology	PureWave	Number of elements	19
Frequency range	22-2 MHz	Array Type	Lin
Applications	High resolution superficial applications including small parts, breast, vascular, musculoskeletal, bowel, pediatric, and OB imaging. Tissue aberration correction selection for advanced MSK, breast, and vascular venous TSP.	Biopsy capable	Ye:

Lumify C5-2 Android

Curved Array Transducer



- 5 to 2 MHz extended operating frequency range - 50mm radius of curvature - 2D, Pulsed Wave and color Doppler, M-mode, advanced XRES and multivariate harmonic imaging, SonoCT - High resolution imaging for deeper applications: abdominal, gall bladder, OB/GYN and lung imaging preset optimizations

Specifications

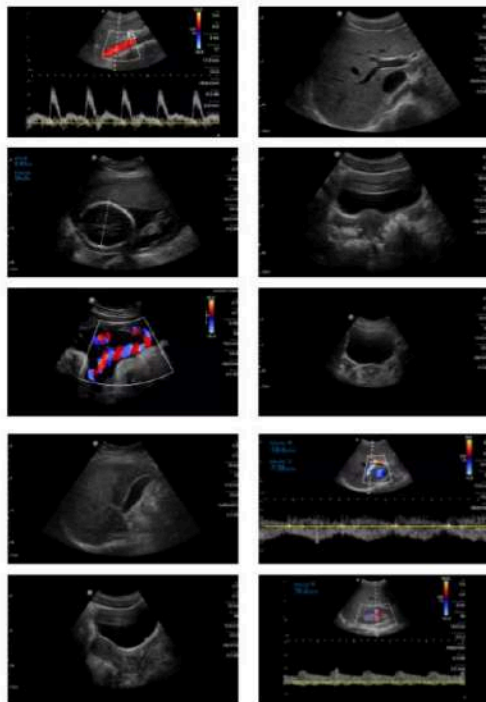
Specifications

Field of view	67.5°	Applications	Abdomen, Gallbladder, Lung, OB/GYN
Bandwidth	5-2 MHz	Footprint	50 mm (ROC)
Scan depth	Up to 30 cm	Imaging features	2D, Pulsed Wave and color Doppler, M-mode, advanced XRES and multivariate harmonic imaging, SonoCT
Imaging features	2D, Pulsed Wave and color Doppler, M-mode, advanced xRes and multivariate harmonic imaging, SonoCT		

Contains in the box

Outright Lumify purchase Carry case, Manual

Clinical images



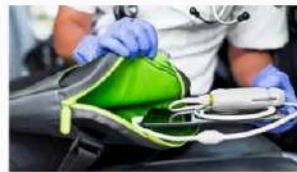
Lumify is ready when you are.

With 2-5 hours of continuous scanning capabilities, it offers ongoing clarity in the most urgent situations.



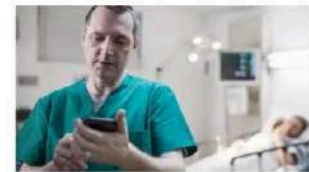
Built for versatility.

Lumify features a detachable cable that offers the flexibility to replace damaged cables, and keep up with ever-evolving digital devices.



Ergonomic transducers.

Weighing less than 136 grams, Lumify's battery-free transducers give you lightweight control for ease-of-use and the ultimate advantage in portability.



Innovation happens every day.

With ongoing app updates, we'll keep you up-to-date by putting all our latest features at your fingertips.

Lumify L12-4 Android

Linear Array Transducer

Specifications

Specifications

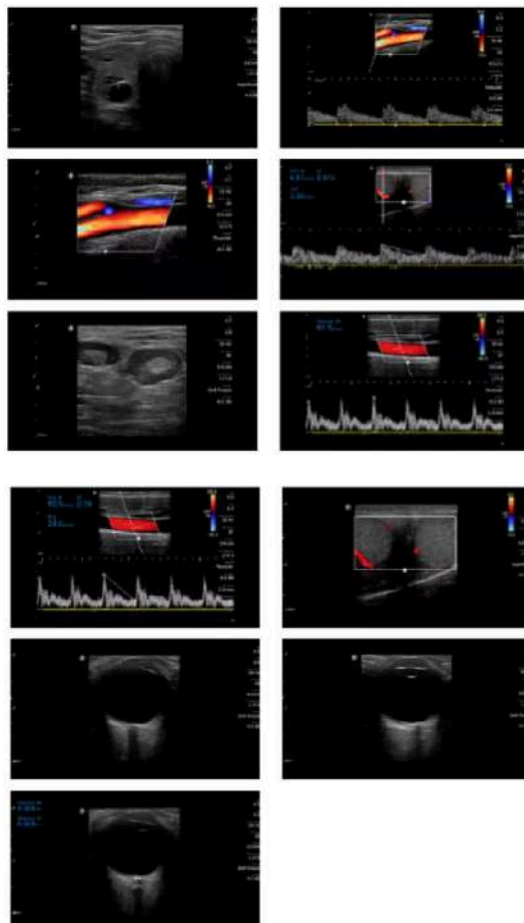
Field of view	34.5 mm
Bandwidth	12-4 Mhz
Scan depth	Up to 12 cm



- 12 to 4 MHz extended operating frequency range - Aperture size: 34mm - 2D, Pulsed Wave and steerable color Doppler, M-mode, advanced XRES, multivariate harmonic imaging, SonoCT and B-line detection in lung imaging - High resolution imaging for shallow applications: soft tissue, vascular, superficial, musculoskeletal and lung - Center line marker - USB-C transducer with replaceable cable

Applications	Lung, MSK, Soft Tissue, Superficial, Vascular
Footprint	34 mm
Imaging features	2D, Pulsed Wave and steerable color Doppler, M-mode, advanced xRes, multivariate harmonic imaging, SonoCT and B-line detection in lung imaging

Clinical images



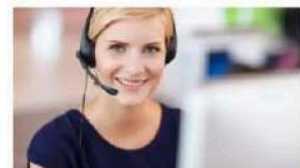
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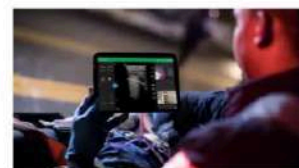
Built for versatility.
Lumify features a detachable cable that offers the flexibility to replace damaged cables, and keep up with ever-evolving digital devices.



Share insights at the speed of need.
Lumify gives you the power to quickly send and share images, notes and diagnostic data.* Data is delivered via email, DICOM to PACS, a shared network, or a local directory. *User is responsible for complying with patient data privacy regulations.



Global service.
As with all Philips products, Lumify comes with continuous support and global service to help keep you up and running. We've also created a Lumify FAQ page to offer answers to common questions.



Real-time collaboration.
Philips Lumify with Raect offers a quick-connect platform to help you collaborate with other healthcare professionals using real-time 2-way video and audio calls and live ultrasound streaming.



No hidden fees.
Lumify is an ultrasound that offers straight-forward pricing for maximum accessibility, with no hidden fees. Because Lumify works on your existing compatible smart devices, there's no additional cost built-in for a monitor.

Lumify S4-1 Android

Phased Array Transducer



- 4 to 1 MHz extended operating frequency range - 2D, Pulsed Wave and color Doppler, M-mode, advanced XRES, multivariate harmonic imaging and B-line detection in lung imaging - High resolution imaging for abdominal and cardiac applications: cardiac, OB/GYN, lung, abdomen and FAST imaging preset optimizations

Specifications

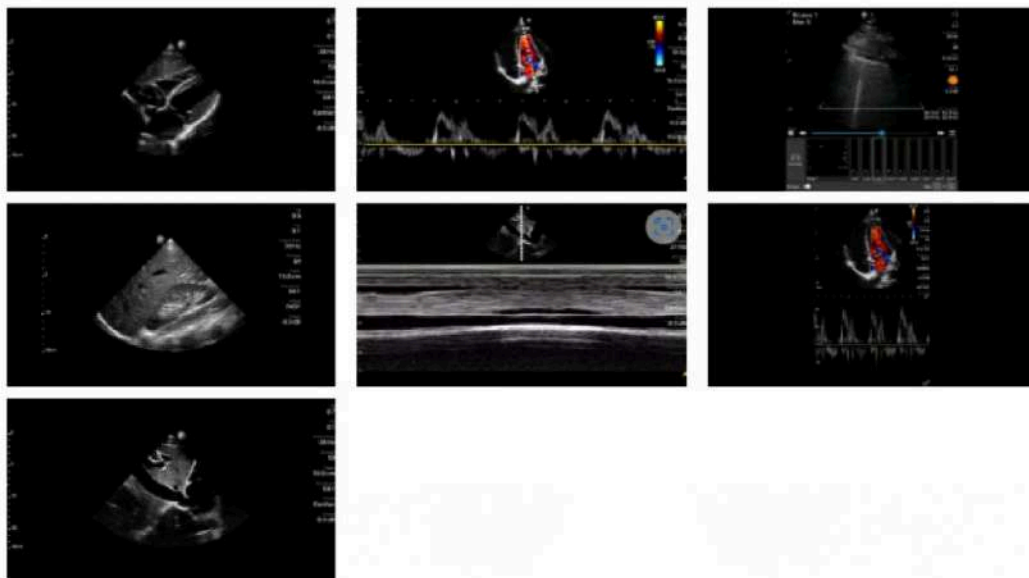
Specifications			
Field of view	90°	Applications	Abdomen, Cardiac, FAST, Lung, OB/GYN
Bandwidth	4-1 MHz	Footprint	20.2 mm
Scan depth	Up to 30 cm	Imaging features	2D, Pulsed Wave and color Doppler, M-mode, advanced xRes, multivariate harmonic imaging and B-line detection in lung imaging

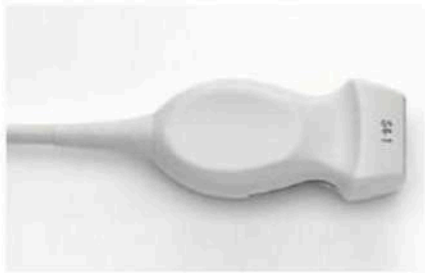
Contains in the box

Outright Lumify purchase includes: Carry case, Manual

Media Gallery

Clinical images





S4-1

Broadband sector array transducer

Learn more about the Philips S4-1 broadband sector array transducer in the specification table below.

Features

Technology: Broadband

Technology: Broadband

Frequency range: 4-1 MHz

Frequency range: 4-1 MHz

Number of elements: -

Number of elements: -

Specifications

Specifications

Technology	Broadband	Number of elements	-
Frequency range	4 - 1 MHz	Array Type	Sector
Aperture	-	Field of view	-
Volume of field of view	-	Modes	Supports 2D, M-mode, color, PW and CW Doppler, Tissue Harmonic Imaging, and Color Power Angio imaging
Applications	High-resolution imaging for abdominal, cardiac, and OB/Gyn applications.	Biopsy capable	Yes
Image Fusion Navigation capable	No	Physical dimensions	-



C5-2 for ClearVue Transducer

Broadband curved array transducer



Learn more about the Philips C5-2 broadband curved array transducer in the specification table below.

Specifications

Specifications

Technology	Broadband	Number of elements	-
Frequency range	5 - 2 MHz	Array Type	Curved
Aperture	-	Field of view	-
Volume of field of view	-	Modes	Supports 2D, M-mode, Tissue Doppler Imaging, color, PW Doppler, Tissue Harmonic Imaging, panoramic imaging and Color Power Angio imaging
Applications	High-resolution imaging for abdominal and OB/Gyn applications	Biopsy capable	Yes
Image Fusion Navigation capable	No	Physical dimensions	-

L12-5 38 for ClearVue Transducer

Broadband linear array transducer



Learn more about the Philips L12-5 38 broadband linear array transducer in the specification table below.

Specifications

Specifications

Technology	Broadband	Number of elements	192
Frequency range	12 - 5 MHz	Array Type	Linear
Aperture	-	Field of view	-
Volume of field of view	-	Modes	Steerable pulsed wave and color Doppler, Color Power Angio (CPA), SonoCT, XRES, and harmonic imaging. Auto Doppler flow optimization, AutoSCAN, FloVue, Trapezoid, Imaging, Elastography – strain-based, Panoramic imaging
Applications	High resolution superficial applications including small parts, breast, vascular, pediatric and musculoskeletal	Biopsy capable	Yes
Image Fusion Navigation capable	No	Physical dimensions	-



X7-2t

Live 3D TEE xMATRIX array transducer with PureWave crystal technology

[View product page](#)

Learn more about the Philips X7-2t Live 3D TEE xMATRIX array transducer with PureWave crystal technology in the specification table below.

Specifications

Specifications

Technology	xMATRIX, PureWave	Number of elements	2500
Frequency range	7 - 2 MHz	Array Type	xMATRIX Sector
Aperture	Proprietary	Field of view	90°
Volume of field of view	98° x 98°	Modes	2D, advanced XRES, harmonic imaging, M-mode, color M-mode, color flow, PW Doppler, CW Doppler, Live xPlane imaging, Live 3D Echo, Live 3D zoom, 3D zoom color, 3D zoom color preview
Applications	Adult TEE applications	Biopsy capable	No
Image Fusion Navigation capable	No	Physical dimensions	-



C5-1

Broadband curved array transducer with PureWave crystal technology

Learn more about the Philips C5-1 broadband curved array transducer with PureWave crystal technology in the specification table below.

Specifications

Specifications

Technology	Broadband	Number of elements	160
Frequency range	5 - 1 MHz	Array Type	Curved
Aperture	55.5 mm	Field of view	111°
Volume of field of view	-	Modes	2D, steerable pulsed, High-PRF, and color Doppler, color power angio (CPA), directional CPA, SonoCT, variable XRES and multivariate harmonic imaging
Applications	General purpose abdominal (adult and pediatric, including vascular), bowel, obstetrical, gynecological, prostate and interventional applications	Biopsy capable	Yes
Image Fusion Navigation capable	Yes	Physical dimensions	-



C8-5

Broadband curved array transducer

Learn more about the Philips C8-5 broadband curved array transducer in the specification table below.

Specifications

Specifications

Technology	Broadband	Number of elements	128
Frequency range	8 - 5 MHz	Array Type	Tightly curved
Aperture	22.4 mm	Field of view	122°
Volume of field of view	-	Modes	2D, steerable pulsed wave and color Doppler, color power angio (CPA), directional CPA, SonoCT, variable XRES and multivariate harmonic imaging
Applications	Pediatric abdominal and neonatal cephalic imaging	Biopsy capable	Yes
Image Fusion Navigation capable	No	Physical dimensions	-