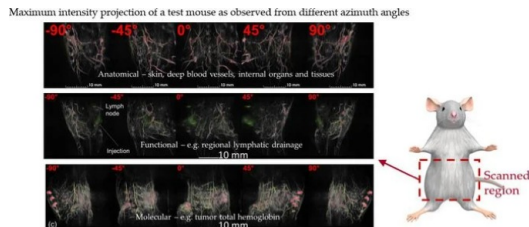


WHAT CAN PHOTOSOUND DO FOR YOU?

EXPLORE HOW PHOTOSOUND CAN OPTIMIZE YOUR RESEARCH

REACH OUT NOW



PhotoSound Technologies, Inc. was founded in September 2015 in Houston, Texas USA to develop and commercialize new biomedical imaging technologies based on optics and photoacoustics. Photoacoustic tomography (PAT) is a biomedical imaging modality combining molecular sensitivity of optical probes with spatial resolution of ultrasound that is ideal for a multitude of applications that can be used for pre-clinical research. Using our skills to successfully translate the technology from its experimental form, we encompass the development of biomedical systems and associated software, including imaging instrumentation, complex electronic boards for data acquisition and control, transducers, sensors and tunable lasers.

PRE-CLINICAL RESEARCH

LEARN MORE

PhotoSound Technologies developed and patented a 3D imaging platform for in vivo preclinical research and drug discovery based on co-registered photoacoustic & fluorescence tomography (PAFT) technology. Providing techniques for imaging sensitivity, penetration depth, etcetera, a wide variety of application are being successfully explored.

OEM ELECTRONICS

LEARN MORE

OEM Electronics are designed specifically for use in photoacoustic or dual modality (PA +US) imaging. We provide simultaneous modular high channel count, data acquisition systems and more to help broaden the capabilities of your research. Custom units are available upon request.

LATEST NEWS

LIVE PRODUCT DEMONSTRATIONS AT EMIM

Mar 16, 2023 | News

Scintica is attending EMIM 2023 and is using PhotoSound Technologies, Inc products for live demonstrations! Visit them in #Austria at the Salzburg Congress. They will be at booth 315!

UPCOMING WEBINARS

LEGION AMP WEBINAR: DUAL-MODALITY X-RAY-INDUCED RADIATION ACOUSTIC AND ULTRASOUND IMAGING FOR REAL-TIME MONITORING OF RADIOTHERAPY

Oct 10, 2022 | Webinars

ensure a chance to speak with their preclinical research experts by booking a...
[read more](#)

Date: October 19, 2022 Time: 09:00 PM (CST)Dual-Modality X-Ray-Induced Radiation Acoustic and Ultrasound Imaging for Real-Time Monitoring of Radiotherapy This is the third webinar of the Legion AMP webinar series, hosted by PhotoSound Technologies. This webinar covers...
[read more](#)

FUNCTIONAL PHOTOACOUSTIC TOMOGRAPHY OF THE HUMAN BRAIN

Feb 27, 2023 | News

It was exciting to be mentioned in the #SPIE #photonicswest2022 #hottopics session by Lihong Wang of Caltech.We are thrilled to see our products enabling for such cutting edge #neuroscience #research in #functional #brain #imaging using #photoacoustic #tomography.For...
[read more](#)

LEGION AMP WEBINAR: FIBER TIP TRACKING WITH PHOTOACOUSTIC IMAGING BY USING LEGION AMP

May 16, 2022 | Webinars

Date: March 24, 2022 Time: 07:00 PM (CST) Fiber Tip Tracking With Photoacoustic Imaging by Using Legion AMP Overview: The Legion AMP webinar series is hosted by PhotoSound Technologies Marketing Specialist's Sarah Argo. In the second webinar of the Legion Amp Webinar...
[read more](#)

THANK YOU FOR COMING TO SEE US AT SPIE 2023!

Feb 23, 2023 | News

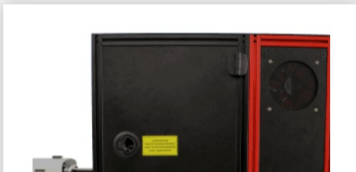
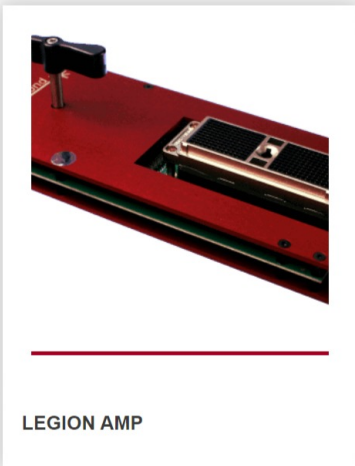
Thank you to everyone who stopped by our booth during #photonicswest 2023. We hope you were able to see one of our presentations! Quantitative ionizing radiation acoustic imaging (iRAI) for mapping the dose deep in the liver during radiation therapy, Paper 12379-5 29...
[read more](#)

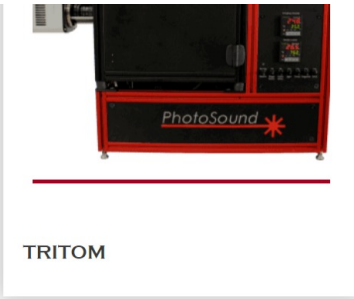
LEGION AMP WEBINAR: COMPARATIVE EVALUATION OF A NIR-II NANOPARTICLE WITH AND WITHOUT THE LEGION AMP

May 16, 2022 | Webinars

Date: December 7, 2021 Time: 09:00 AM (CST)Comparative Evaluation of a NIR-II Nanoparticle with and Without the Legion Amp Overview: The Legion AMP webinar series is hosted by PhotoSound Technologies Marketing Specialist's Sarah Argo. In the first webinar of the...
[read more](#)

PHOTOSOUND PRODUCTS





ABOUT

PhotoSound excels in research, development and manufacturing of specialized equipment for biomedical applications based on photoacoustics. All employees at PhotoSound are committed to provide every customer with the highest quality products and services with short delivery times and competitive pricing.

[Click to read more](#)

PRODUCTS

- LEGION
- MOLECULUS
- TRITOM

KNOWLEDGE BASE

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