

2024

FUS Industry



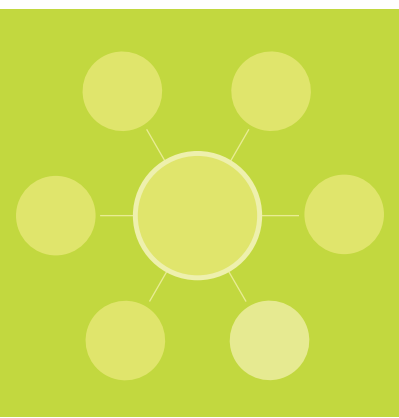
FOCUSED
ULTRASOUND
FOUNDATION



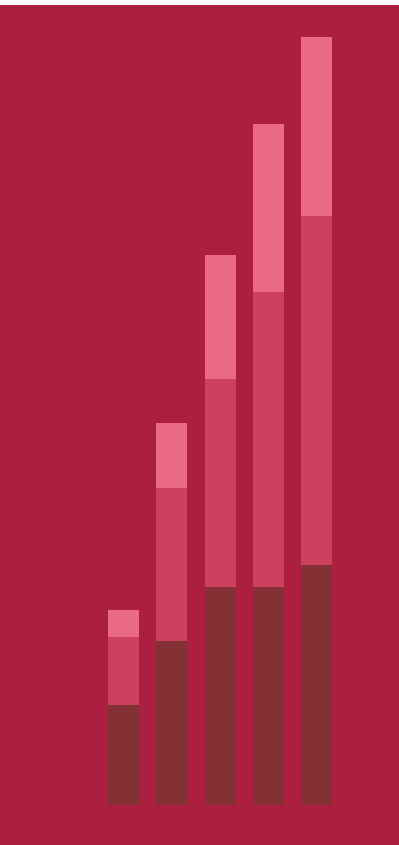
Overview

From publicly available sources and industry reporting, we estimate that the field employs approximately 3,600 individuals worldwide. Approximately 80% of this workforce is employed by a FUS device manufacturer. This year's median company size is 16 employees, and 57% of companies have 20 or fewer employees. Over 1,600 focused ultrasound devices are used worldwide for commercial treatment; these are relatively evenly distributed between North America, Europe, and Asia.

The company timelines starting on page VIII.8 include the year the company started in the focused ultrasound industry instead of the date of incorporation. This date is the same for many early-stage focused ultrasound manufacturing companies; however, it is often different for OEM and microbubble companies.



VIII. FUS Industry



VIII. 2 Overview

Company Types, Employees, and Locations

- VIII. 3 Geographic Distribution
- VIII. 4 Companies
- VIII. 5 Employees
- VIII. 6 Employee Distribution
- VIII. 6 Number of Companies
- VIII. 6 Number of Employees
- VIII. 7 Employee Locations

Companies by Region

- VIII. 8 North America
 - VIII. 8 Timelines of Companies
 - VIII. 9 Companies
- VIII.11 Europe
 - VIII.11 Timelines of Companies
 - VIII.12 Companies

VIII.14 Asia

- VIII.14 Timelines of Companies
- VIII.15 Companies

VIII.18 Middle East

- VIII.18 Timelines of Companies
- VIII.19 Companies

Devices

- VIII.20 In Use
- VIII.21 In Use by Region
- VIII.22 Distributors by Region
- VIII.26 With Treatment and Planning Guidance
 - VIII.26 North America
 - VIII.28 Europe
 - VIII.30 Asia
 - VIII.34 Middle East

Geographic Distribution of Companies

2023

	North America	Europe	Asia	Middle East
105 FUS companies	47	24	29	5
69 FUS device manufacturers	30	14	21	4
17 Companies with approvals	4	4	8	1

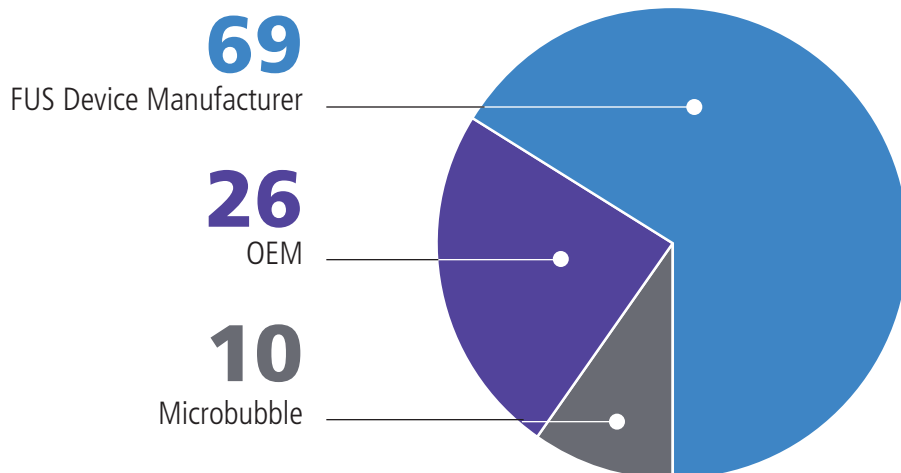
Companies

105

FUS companies*



Company distribution by type



* This analysis includes all FUS industry companies where employee information was available, including FUS device manufacturers, OEM, and microbubble companies.

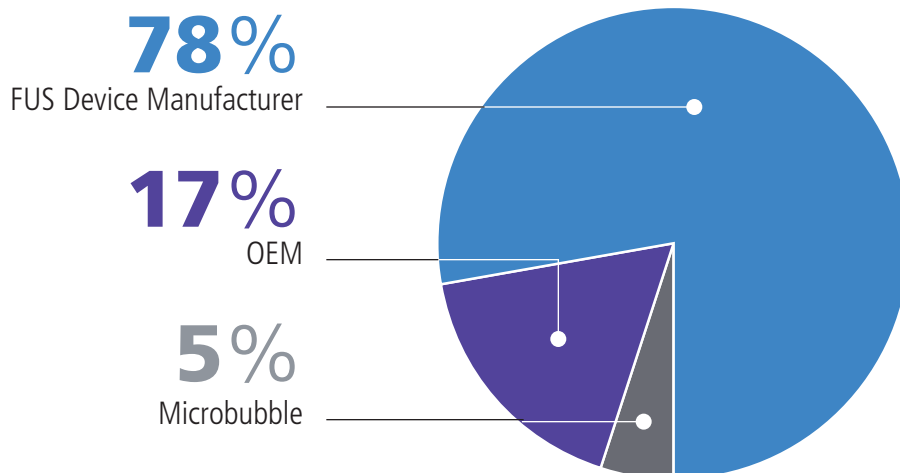
Employees

3602

Employees*



Employee distribution



* Number of employees estimated from publicly available sources and directly reported by companies on our annual survey.

Most of the focused ultrasound industry employment is by focused ultrasound device manufacturers. Despite these early-stage companies having small workforces, they are more numerous than OEM and microbubble companies. The largest geographic location of focused ultrasound employment is the United States, followed by China, Israel, and France. These three countries comprise 50 percent of the labor pool, with the remainder of the employees broadly distributed around the globe.

Employee Distribution*

16
employees
is the median company size

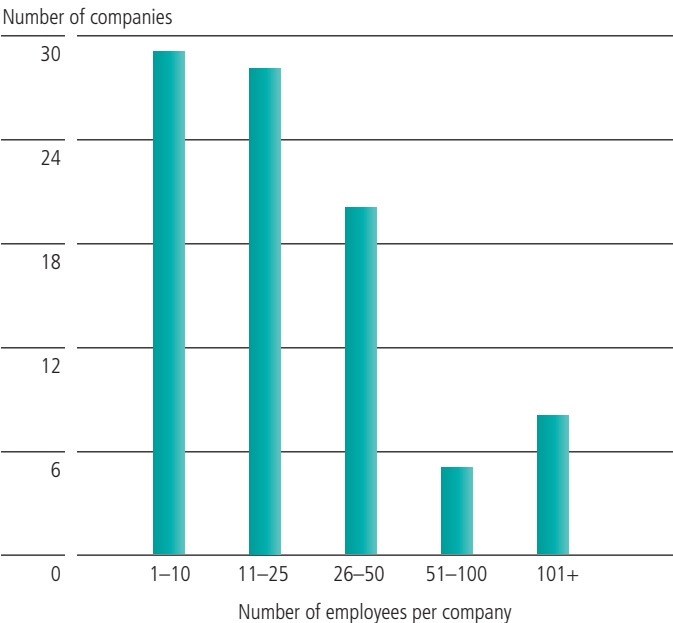
10%
of the total workforce is employed by the
smallest 50% of companies

57%
of companies have
20 or fewer employees

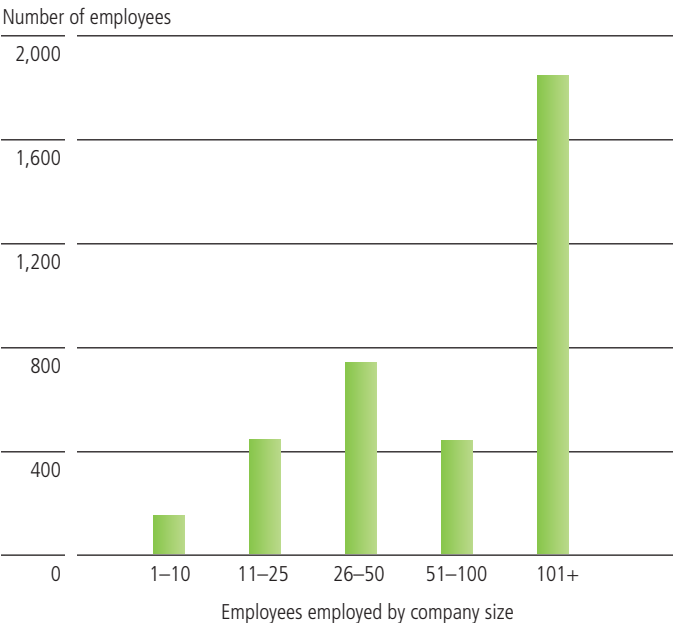
50%
of the total workforce is employed by the
8 largest companies

* This analysis includes device manufacturers, OEM, and microbubble companies.

Number of Companies

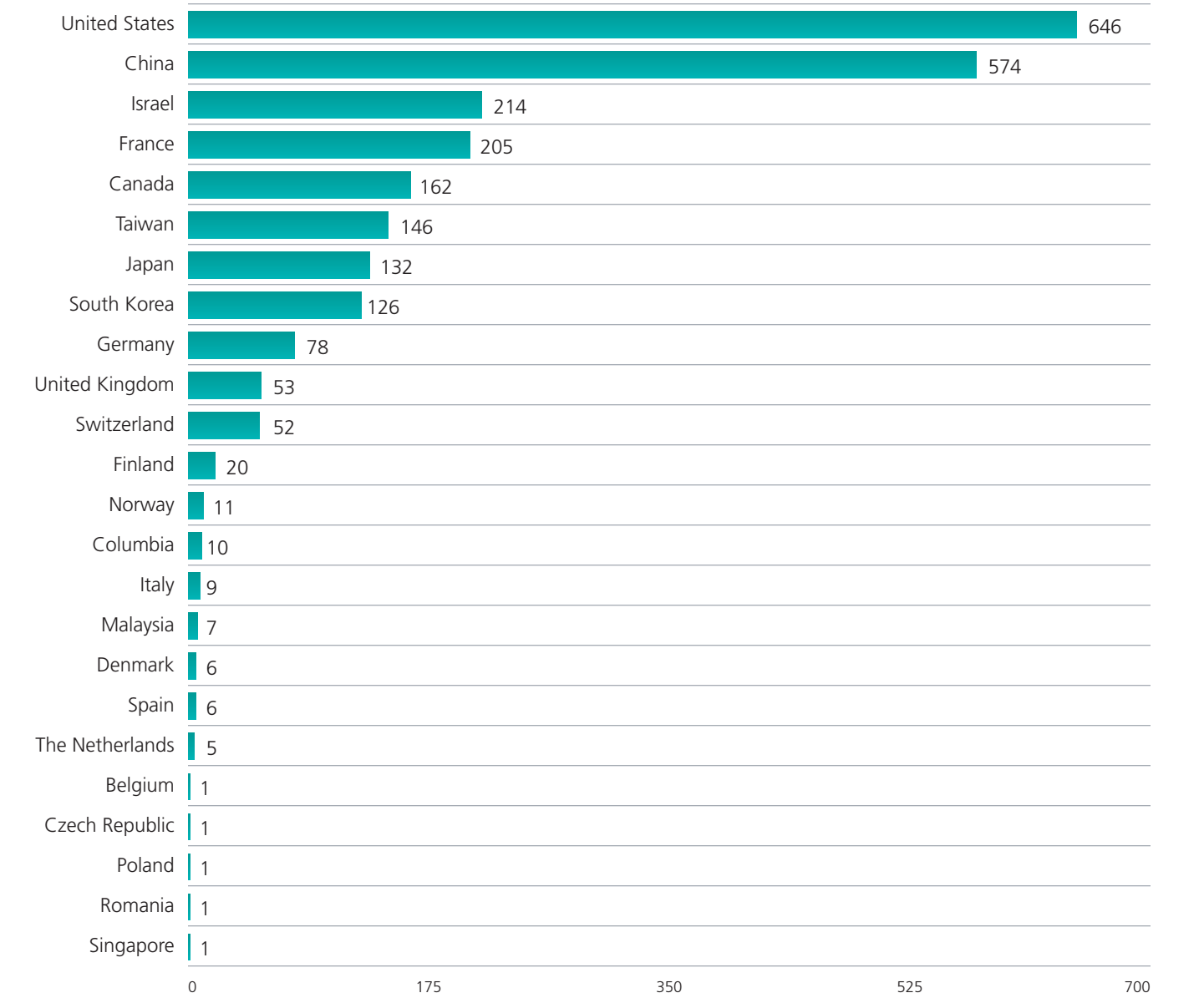


Number of Employees



FUS Employee Locations

2,467 employees*

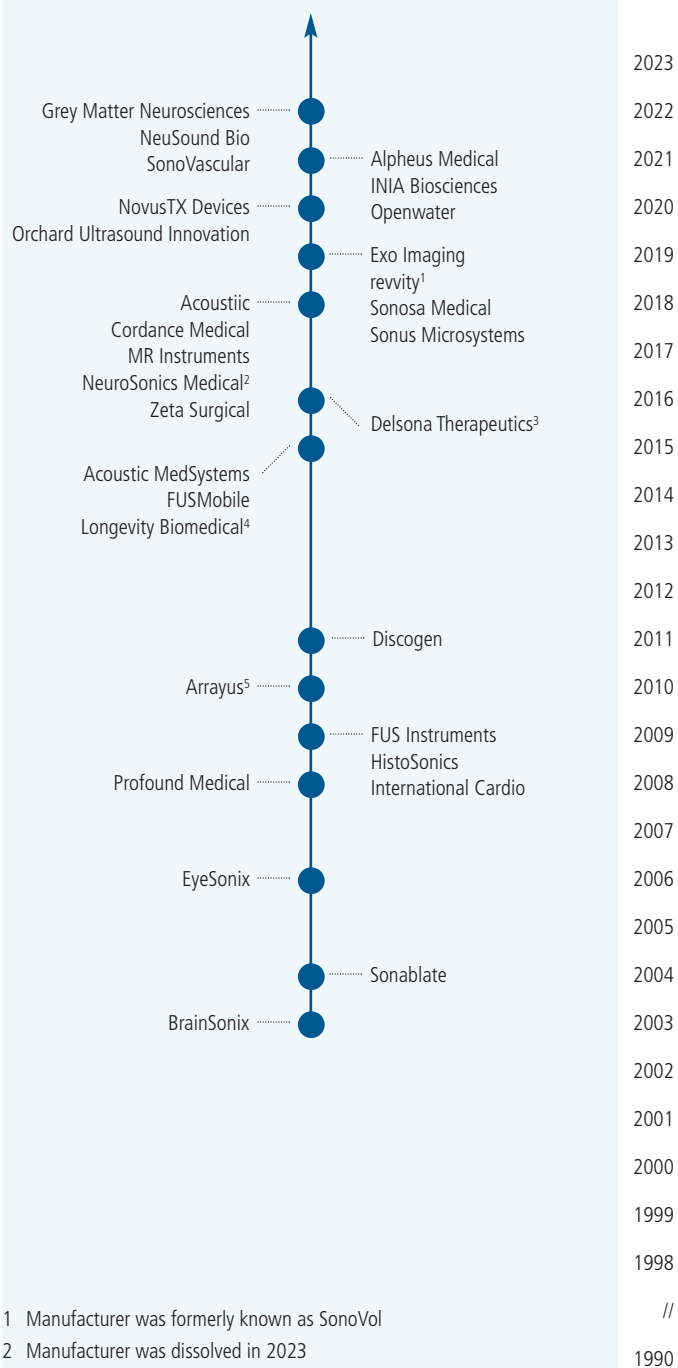


*Number of employees directly reported by companies on our annual survey.

North America—Timelines of Companies

Clinical Device Manufacturers

North America



- 1 Manufacturer was formerly known as SonoVol
 2 Manufacturer was dissolved in 2023
 3 Manufacturer was formerly known as TheraWave Bio INC.
 4 Manufacturer was formerly known as Cerevast Medical
 5 Manufacturer was formerly known as Harmonic Medical INC.

Other FUS Companies

● Microbubble ● OEM

North and South America*



North America—Companies

North America

47

● CLINICAL DEVICE MANUFACTURERS

- ✚ Acoustic MedSystems INC | Savoy, Illinois, United States, acousticmed.com
- Acoustiic INC | Seattle, Washington, United States, acoustiic.com
- Alpheus Medical INC | North Oakdale, Minnesota, United States, alpheusmedical.com
- Arrayus Technologies INC⁵ | Burlington, Ontario, Canada, arrayus.ca
- BrainSonix CORP | Sherman Oaks, California, United States, brainsonix.com
- Cordance Medical INC | Mountain View, California, United States, cordancemedical.com
- Delsona Therapeutics INC³ | New York, New York, United States
- Discogen | Weston, Florida, United States, discogen.com
- Exo Imaging INC | Redwood City, California, United States, exo-imaging.com
- EyeSonix | Long Beach, California, United States, eyesonix.com
- FUS Instruments INC | Toronto, Ontario, Canada, fusinstruments.com
- FUSMobile INC | Alpharetta, Georgia, United States, fusmobile.com
- Grey Matter Neurosciences | Toronto, Ontario, Canada
- ✚ HistoSonics INC | Ann Arbor, Michigan, United States, histosonics.com
- INIA Biosciences INC | Boston, Massachusetts, United States, iniabiosciences.com
- International Cardio CORP LLC | Edina, Minnesota, United States, hifu-rx.com
- Longevity Biomedica INC⁴ | Bothell, Washington, United States, longevitybiomedical.com
- MR Instruments INC | Hopkins, Minnesota, United States, mrinstruments.com
- NeuroSonics Medical INC² | Baltimore, Maryland, United States, neurosonicsmedical.com
- NeuSound Bio | California, United States
- NovusTX Devices INC | Calgary, Alberta, Canada, novustx-devices.com
- Openwater | San Francisco, California, United States, openwater.cc
- Orchard Ultrasound Innovation | Sunnyvale, California, United States, orchardultrasound.com
- ✚ Profound Medical CORP | Mississauga, Ontario, Canada, profoundmedical.com
- revvity¹ | Durham, Waltham, Massachusetts, United States, revvity.com

✚ Manufacturers with regulatory approvals. To see a detailed breakdown of regional and country approvals, see charts starting on p. IX.5.

1 Manufacturer was formerly known as SonoVol

2 Manufacturer was dissolved in 2023

3 Manufacturer was formerly known as TheraWave Bio INC.

4 Manufacturer was formerly known as Cerevast Medical

5 Manufacturer was formerly known as Harmonic Medical INC.

North America—Companies continued

North America continued

● CLINICAL DEVICE MANUFACTURERS continued

- ✚ Sonablate CORP | Charlotte, North Carolina, United States, sonablate.com
- Sonosa Medical INC | Baltimore, Maryland, United States, sonosamedical.com
- SonoVascular INC | Chapel Hill, North Carolina, United States, sonovascular.com
- Sonus Microsystems | Vancouver, British Columbia, Canada, sonusmicrosystems.com
- Zeta Surgical INC | Boston, Massachusetts, United States, zetasurgical.com

● MICROBUBBLE

- Advanced Microbubbles INC | Newark, California, United States, advancedmicrobubbles.com
- Applaud Medical INC | San Francisco, California, United States, applaudmedical.com
- Artenga INC | Ottawa, Ontario, Canada, artenga.com
- Dynaflow INC | Jessup, Maryland, United States, dynaflow-inc.com
- Lantheus Medical Imaging INC | North Billerica, Massachusetts, United States, lantheus.com
- Microvascular Therapeutics LLC | Tucson, Arizona, United States, mvtpharma.com
- SonoThera INC | San Francisco, California, United States, sonothera.com

● OEM

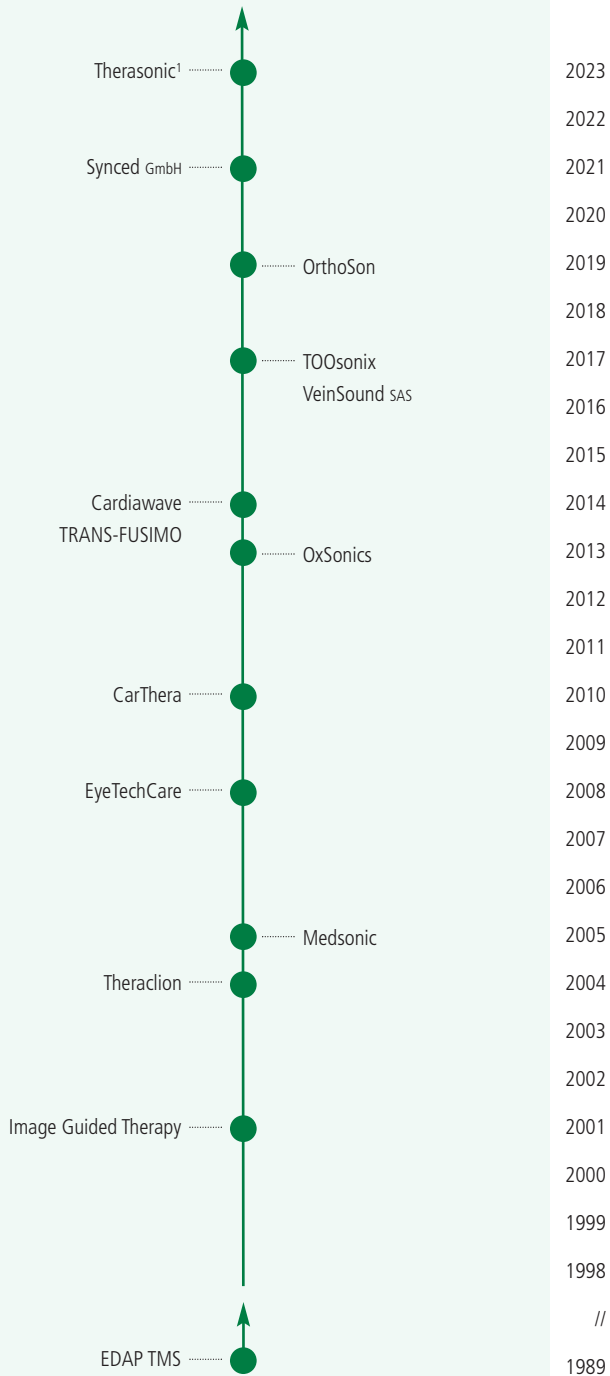
- Cephasonics Ultrasound | San Jose, California, United States, www.cephasonics.com
- Daxsonics Ultrasound INC | Halifax, Nova Scotia, Canada, daxsonics.com
- Electronics and Innovation LTD | Rochester, New York, United States, eandiltd.com
- JJ & A Instruments LLC | Rathdrum, Idaho, United States, jja-instruments.com
- Onda CORP | Sunnyvale, California, United States, ondacorp.com
- Piezo Technologies | Indianapolis, Indiana, United States, piezotechnologies.com
- Sonele INC | Markham, Ontario, Canada, sonele.com
- Sonic Concepts INC | Bothell, Washington, United States, sonicconcepts.com
- Ultrasonic S-Lab LLC | Concord, California, United States, ultrasonic-s-lab.com
- Verasonics INC | Kirkland, Washington, United States, verasonics.com

✚ Manufacturers with regulatory approvals. To see a detailed breakdown of regional and country approvals, see charts starting on p. IX.5.

Europe—Timelines of Companies

Clinical Device Manufacturers

Europe

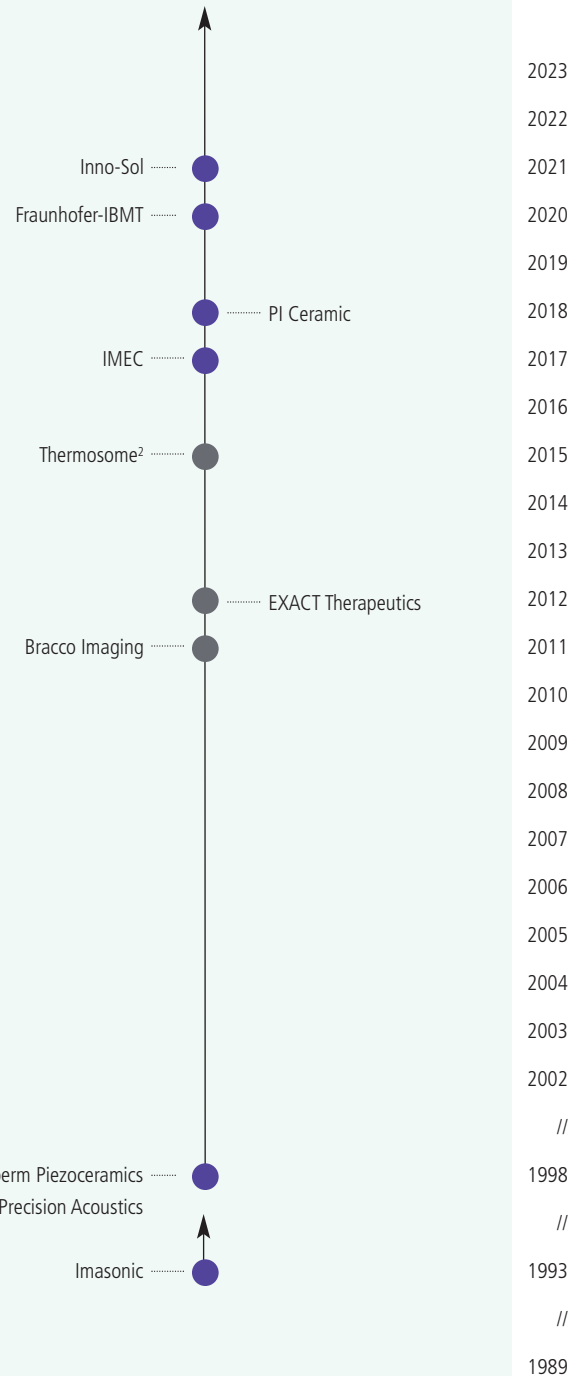


1 Company was formerly known as Therason.

Other FUS Companies

● Microbubble ● OEM

Europe



2 Company is developing thermosensitive liposomes.

Europe—Companies

Europe

24

● CLINICAL DEVICE MANUFACTURERS

Cardiawave SA | Paris, France, cardiawave.comCarThera SA | Paris, France, carthera.eu+ EDAP TMS SA | Vaulx-en-Velin, France, edap-tms.com+ EyeTechCare SA | Lyon, France, eyetechcare.comImage Guided Therapy SA | Pessac, France, imageguidedtherapy.comMedsonic LTD | Limassol, Cyprus, medsonic.com.cyOrthoSon LTD | Oxford, England, United Kingdom, orthoson.comOxSonics LTD | Oxford, England, United Kingdom, oxsonics.com

Synced GmbH | Hamburg, Germany

+ Theraclion SA | Malakoff, France, theraclion.frTherasonic SAS¹ | Paris, France+ TOOsonix A/S | Hørsholm, Denmark, toosonix.comTRANS-FUSIMO | Bremen, Germany, trans-fusimo.euVeinSound SAS | Lyon, France, veinsound.com

+ Manufacturers with regulatory approvals. To see a detailed breakdown of regional and country approvals, see charts starting on p. IX.5.

¹ Company was formerly known as Therason.

Europe—Companies continued

Europe continued

MICROBUBBLE *

Bracco Imaging SPA | Milano, Italy, braccoimaging.com

EXACT Therapeutics AS | Oslo, Norway, exact-tx.com

Thermosome GMBH² | Planegg/Martinsried, Germany, thermosome.com

OEM

Ferroperm Piezoceramics | Kvistgaard, Denmark, meggittferroperm.com

Fraunhofer-Institut für Biomedizinische Technik | Sulzbach, Germany, ibmt.fraunhofer.de

Imasonic SA | Voray-sur-l'Ognon, France, imasonic.com

imec | Leuven, Belgium, imec-int.com

Inno-Sol SRL | Rome, Italy, inno-sol.it

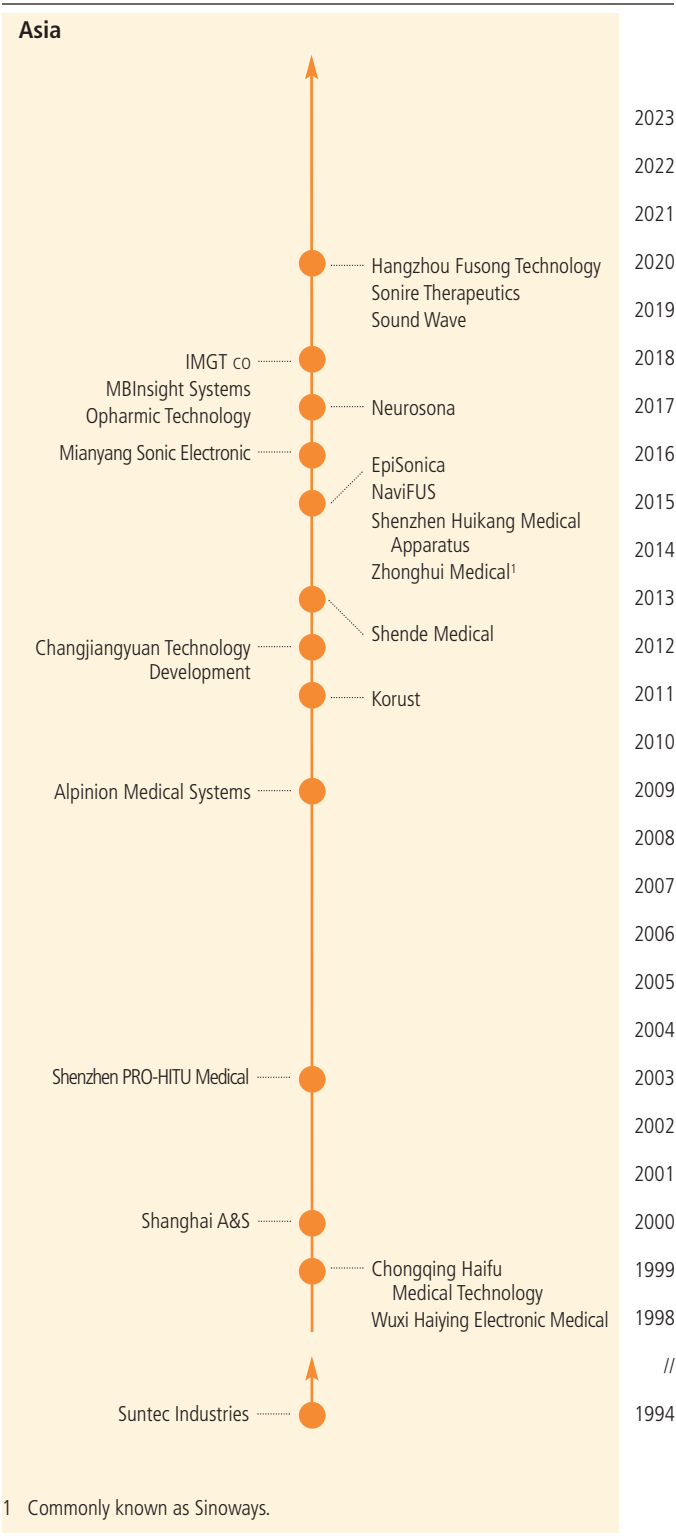
PI Ceramic GmbH | Lederhose, Germany, piceramic.com

Precision Acoustics LTD | Dorchester, England, United Kingdom, acoustics.co.uk

* Also includes thermosensitive liposomes.
2 Company is developing thermosensitive liposomes

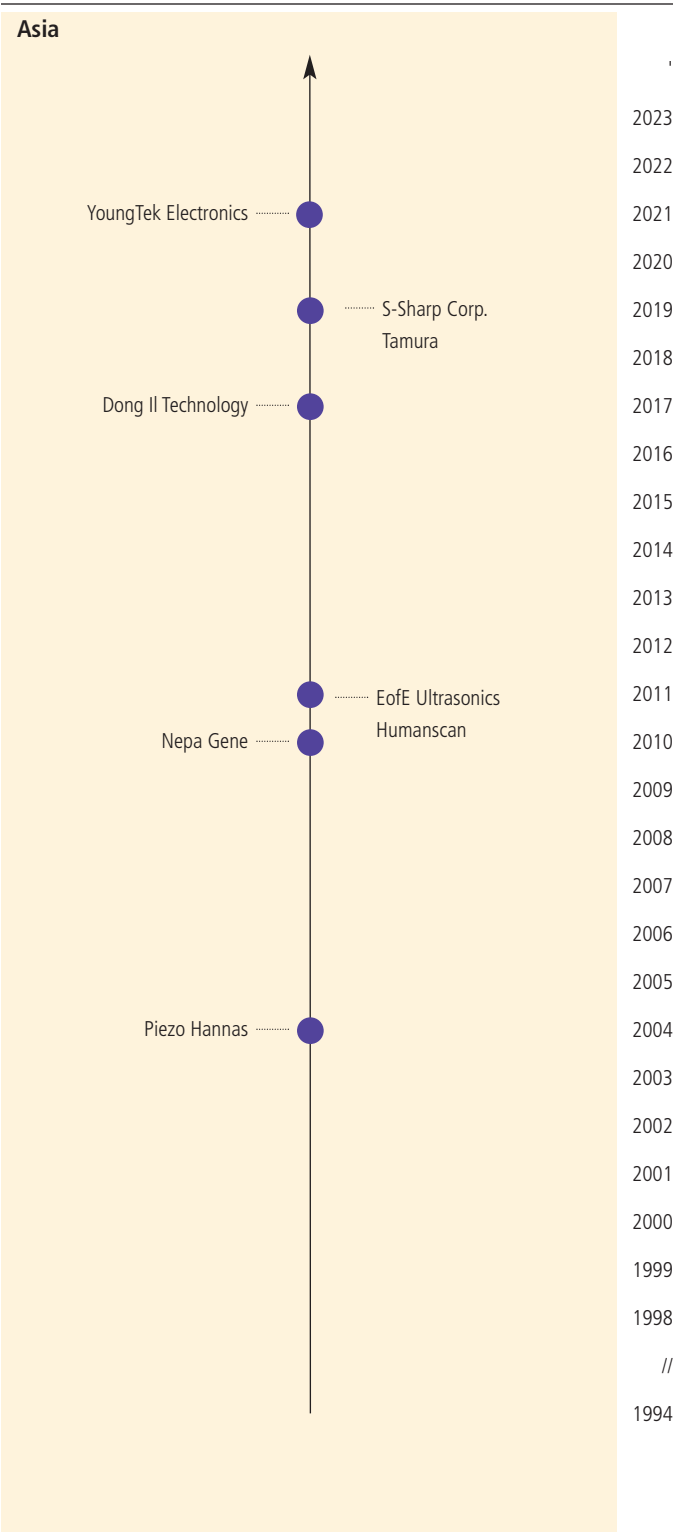
Asia—Timelines of Companies

Clinical Device Manufacturers



Other FUS Companies

● Microbubble ● OEM



Asia—Companies

Asia

29

● CLINICAL DEVICE MANUFACTURERS

- + Alpinion Medical Systems CO LTD | Seoul, South Korea, alpinion.com
- + Changjiangyuan Technology Development CO LTD | Beijing, China, cjykj.com
- + Chongqing Haifu Medical Technology CO LTD | Chongqing, China, haifumedical.com
- + EpiSonica CORP | Hsinchu, Taiwan, episonica.com
- Hangzhou Fusong Technology CO LTD | Hangzhou, China
- IMGT CO LTD | Seongnam, South Korea, nanoimgt.com
- Korust CO LTD | Anyang, South Korea, korust.com
- MBInsight Systems INC | Taiwan
- Mianyang Sonic Electronic LTD | Mianyang City, China, ultrasound.cn
- NaviFUS CORP | New Taipei City, Taiwan, navi-fus.com
- Neurosona CO LTD | Seoul, South Korea, neurosona.com
- Opharmic Technology (HK) LTD | Hong Kong, China, opharmic.com
- + Shanghai A&S Science Technology Development CO LTD | Shanghai, China, aishen.com.cn
- + Shanghai Shende Green Medical Era Healthcare Technology CO LTD¹ | Shanghai, China, shendehe.com
- Shenzhen Huikang Medical Apparatus CO LTD | Shenzhen, China, eswl.cn
- + Shenzhen PRO-HITU Medical Technology CO LTD | Shenzhen, China, pro-hifu.com
- SONIRE Therapeutics INC | Tokyo, Japan, sonire-therapeutics.com
- Sound Wave Innovation CO LTD | Tokyo, Japan, sw-innovation.com
- Suntec Industries CO LTD | Shanghai, China
- + Wuxi Haiying Electronic Medical Systems CO LTD | Wuxi, China, haiyingmedical.com.cn
- Zhonghui Medical Technology CO LTD² | Shanghai, China, zhonghuimt.com

+ Manufacturers with regulatory approvals. To see a detailed breakdown of regional and country approvals, see charts starting on p. IX.5.

1 Manufacturer was formerly known as Shende Medical Equipment Technology CO LTD.

2 Commonly known as Sinoways.

Asia—Companies continued

Asia continued

- OEM
 - Dong Il Technology LTD | Hwaseong, South Korea, dongiltech.co.kr
 - EofE Ultrasonics CO LTD | Seoul, South Korea, ultrasonics.co.kr
 - Humanscan CO LTD | Ansan, South Korea, humanscan.co.kr
 - Nepa Gene CO | Chiba, Japan, nepagene.jp
 - Piezo Hannas Tech CO LTD | Chibi, China, piezohannas.com
 - S-Sharp CORP | New Taipei City, Taiwan, s-sharp.com
 - Tamura CORP | Tokyo, Japan, tamuracorp.com
 - YoungTek Electronics | Hsinchu City, Taiwan, ytec.com.tw

Page intentionally left blank

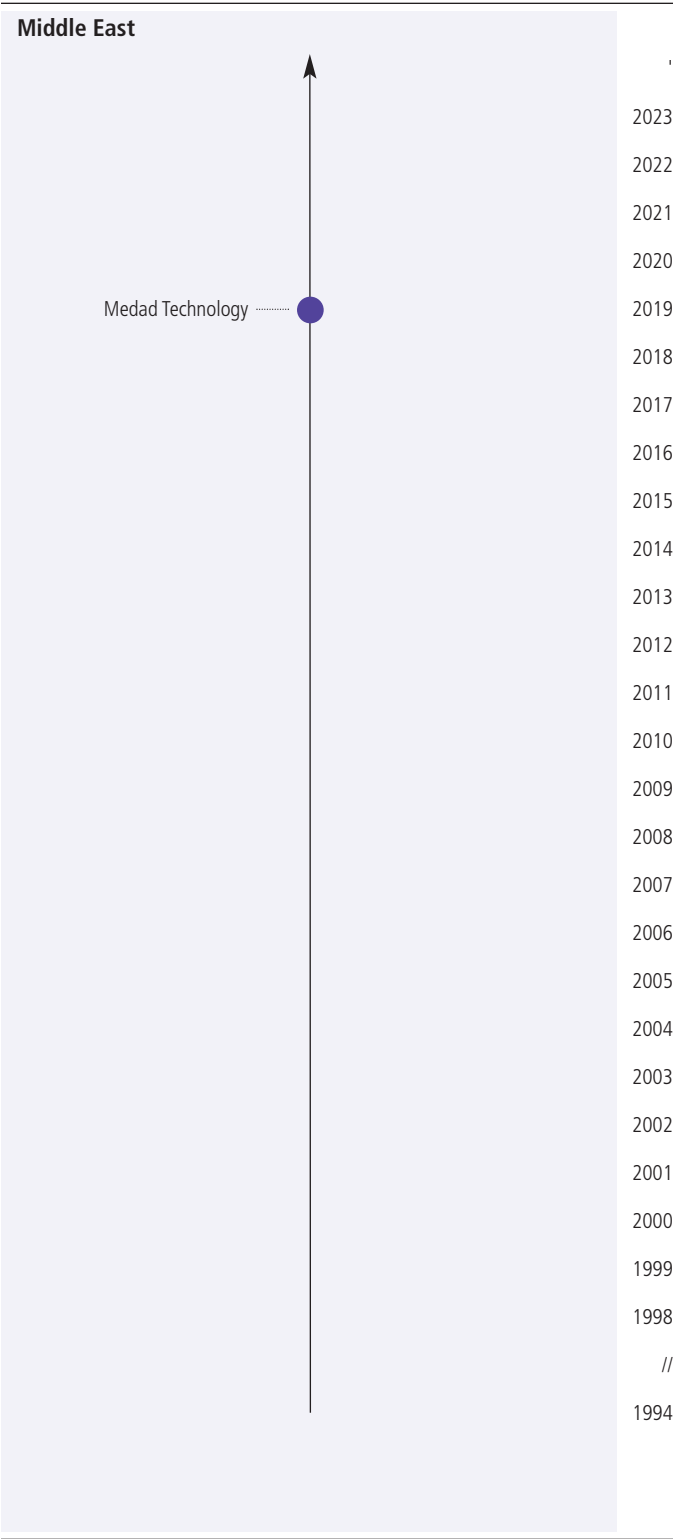
Middle East—Timelines of Companies

Clinical Device Manufacturers



Other FUS Companies

● Microbubble ● OEM



Middle East—Companies



+ Manufacturers with regulatory approvals. To see a detailed breakdown of regional and country approvals, see charts starting on p. IX.5.



FUS Devices in Use

Number and Growth

2023

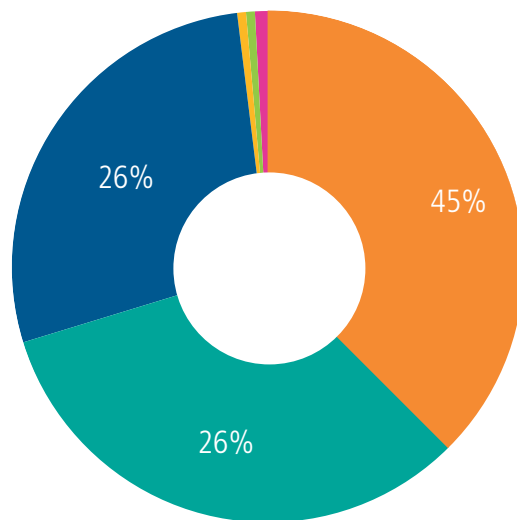
1,642
FUS Devices

8%

Growth
2023 over 2022

Worldwide Distribution

2023



North America	26%
Europe	26%
Asia	45%
South America	>1%
Oceania	>1%
Middle East	1%
Africa	>1%

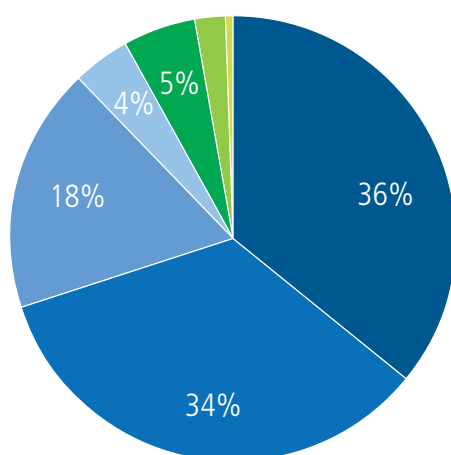


FUS Device Use by Region

North America

385

Devices



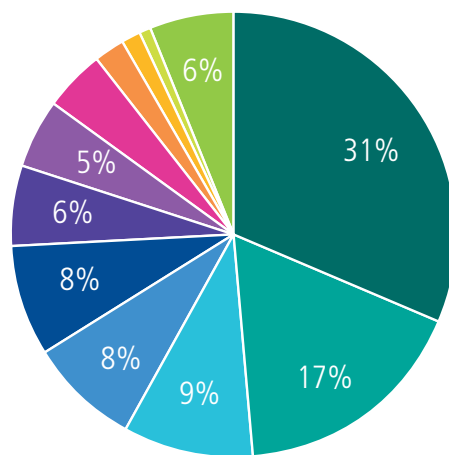
US, Central	138
US, Eastern	132
Pacific	69
Mountain	16
Canada	20
Mexico	8
Other*	2

*Dominica and Dominican Republic

Europe

391

Devices



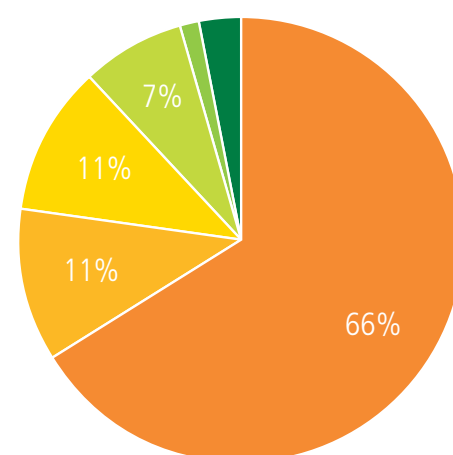
France	123
Germany	68
United Kingdom	36
Russian Federation	32
Italy	31
Spain	23
Poland	20
Switzerland	17
The Netherlands	9
Norway	5
Denmark	4
Other*	23

*Austria, Belgium, Bulgaria, Czech Republic, Finland, Georgia, Greece, Latvia, Monaco, Portugal, Romania and Ukraine

Asia

667

Devices



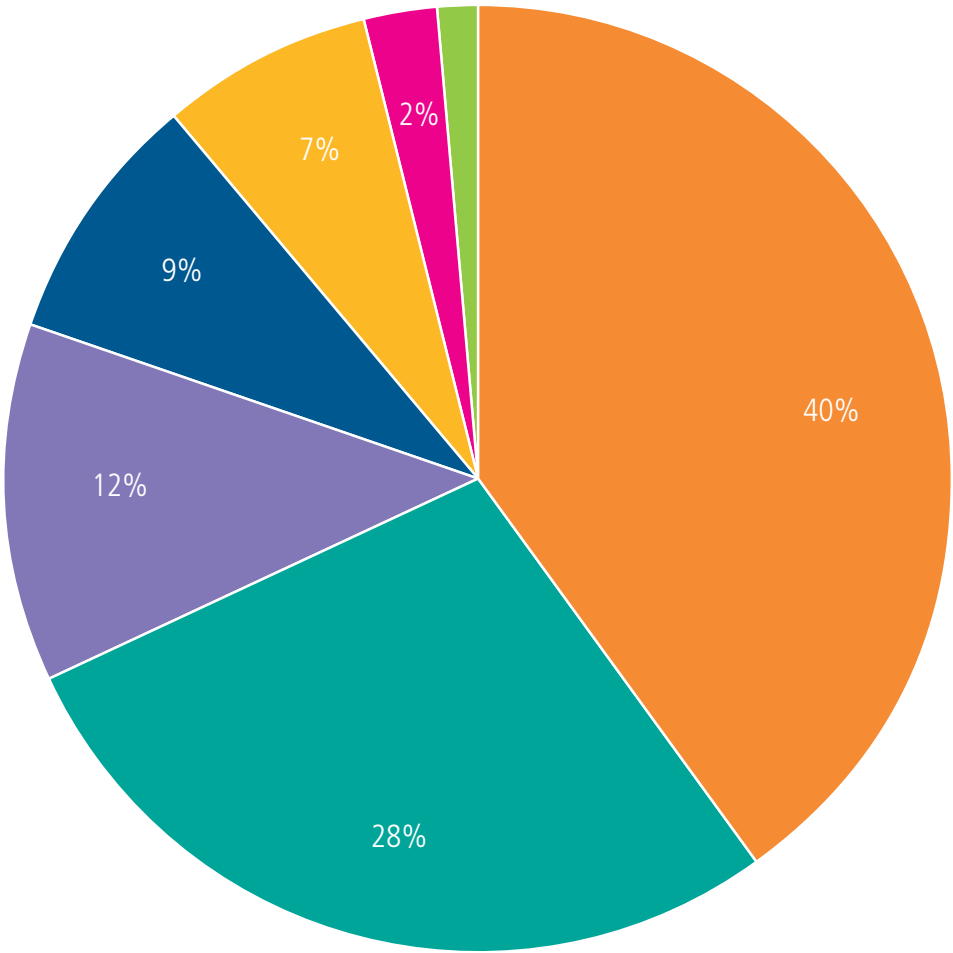
China	442
South Korea	74
Japan	72
Taiwan	50
India	10
Other*	19

*Indonesia, Iran, Kazakhstan, Malaysia, Myanmar, Philippines, Singapore, and Thailand

Distributors by Region

82 distributors

North America	7
Europe	23
Asia	33
South America	6
Oceania	1
Middle East	10
Africa	2



Distributors by Region continued

North America

Agiliti Health INC
American HIFU LLC
Cyber Robotic Solutions SA de CV
HIFU Prostate Services LLC
Soluciones Medicas Avanzadas SAS
Summa Welfare SAS
Vituro Health LLC

Europe

ab medica SPA
Advansa Medical AG
Angiomedic DOO
Arsenal LLC
Brainbox LTD
Consultronix SA
Fora SPA
InnoMedicus AG
Kungshusen Medicinska AB
Medicina Analítica Consumibles SA
Medistim Danmark APS
Medkonsult SRO
Palex Medical SA
Promedica Bioelectronics SRL
ProMedical OY
Sigmacon UK LTD
SofMedica
Synektik Group
Tema Sinergie SPA
Timko SP ZOO
Twin Medical
Vingmed AS
VIVAX Pharmaceuticals SRO

Distributors by Region continued

Asia

Amed CO LTD
 Beijing Beike Digital Medical Technology CO LTD
 Beijing Ren De Sheng Technology
 Best Digital CO LTD
 Bravotac CORP LTD
 Cornwall Medical Holding CO LTD
 Delta Medisains (M) SDN BHD
 Demakai CO LTD
 Demed Solutions SDN BHD
 Double Success CO LTD
 DSS Imagetech PVT LTD
 ECHO Healthcare INC
 Ekpac China LTD
 GemsKorea CO LTD
 Hanyoung Trading CO LTD
 Hengyuan International (Hong Kong) CO LTD
 HIFU Technology PTE LTD
 Huons Medical
 imedtac CO LTD
 Medfocus CO LTD
 Medical Imaging System PTE LTD
 Medico-Innovative Technologies LLP
 Nanomedix PVT LTD
 Pro Chime Enterprise CORP
 Rad Medical CORP
 Sumo Corporations LTD
 Takai Hospital Supply CO LTD
 Tasly SonaCare Medical Engineering Technology CO LTD
 TD Medical Equipment CO LTD
 Theraction China LTD
 Transmedic PTE LTD
 Valor Health CO LTD
 Yangde Instrument CO LTD

South America

Cencomex SA
 Imemed Bolivia
 Medicinelaser SA
 Protrauma SA
 Sirex Médica SA
 Strattner & Cia LTDA

Oceania

Getz Healthcare Australia

Middle East

ADS Elektronik Tibbi Cihazlar AS
 Allmed Solutions
 AMI Technologies LTD
 Amos Gazit LTD
 Andromed Tibbi Cihazlar ve Saglik Hizmetleri
 CanAm Scientific
 Century Scientific and Equipment CO WLL
 Heart Beat Medical Supplies LLC
 Levi Danismanlik ve Ticaret AS
 Varitron

Africa

RY Investment Nigeria LTD
 SARL Medimatec

Currently, 17 focused ultrasound device manufacturers have commercial products available. Please see Chapter 10 for further details on these companies and their products.

A table with high-level information about the various devices worldwide and the type of imaging utilized for treatment and planning guidance follows.



FUS Devices with Treatment and Planning Guidance

Manufacturer	Device	Treatment guidance	Planning guidance	Approval
North America				
Research & Development				
Acoustic MedSystems	ACOUSTx	Ultrasound, CT-fluoroscopy, MRI, and 3D targeting	—	
Acoustiic	AgilitUS	MR guidance	MR guidance	
Alpheus Medical	CV01	—	—	
Arrayus ¹	Symphony	US & MR guidance	MR guidance	
BrainSonix	BXPulsar 1001 LIFUP	MR guidance	MR guidance	
	BXPulsar 1002 LIFUP	MR guidance	MR guidance	
Cordance Medical	NeuroAccess	—	MR/CT Guidance	
Delsona Therapeutics ²	UltranaV (prototype)	Image fusion	Neuronavigation	
Exo Imaging	Performance Ultrasound Platform	—	—	
EyeSonix	TUG - Therapeutic Ultrasound for Glaucoma	Unguided	Visual guidance	
FUS Instruments	DS-50	—	—	
	LP-100	MR guidance	—	
	RK-100	—	—	
	RK-20	Other guidance	—	
	RK-300	MR guidance	—	
	RK-50	Other guidance	—	
FUSMobile	Neurolyser	Other guidance	Not used	
International Cardio	HIFU Synthesizer	US guidance	US guidance	
Longevity Biomedical ³	Aureva Pulse	US guidance	Not used	
	Reflow RVO	US guidance	Not used	
MR Instruments	DuoFLEX ACCESS Coil	MR guidance	MR guidance	
	MR-guided TRUST (Transcranial Ultrasound Stimulation)	MR guidance	MR guidance	
NeuroSonics Medical	NeuroSonics (prototype)	US guidance	MR guidance	
Openwater	Open-LIFU 2.0	—	—	
Sonosa Medical	Sonosa Therapeutic	US guidance	Not used	

¹ Manufacturer was formerly known as Harmonic Medical INC.

² Manufacturer was formerly known as TheraWave.

³ Manufacturer was formerly known as Cerevast Medical.



FUS Devices with Treatment and Planning Guidance continued

Manufacturer	Device	Treatment guidance	Planning guidance	Approval
North America				
Commercial				
Acoustic MedSystems	TheraVision	—	—	+
HistoSonics	Edison	US guidance	US guidance	+
Profound Medical	Sonalleve	MR guidance	MR guidance	+
	TULSA-PRO	MR guidance	MR guidance	+
Sonablate Corp.	Sonablate	US guidance	MR/US fusion	+
	Sonatherm	US guidance	US guidance	+



FUS Devices with Treatment and Planning Guidance continued

Manufacturer	Device	Treatment guidance	Planning guidance	Approval
Europe				
Research & Development				
Cardiawave	Valvosoft	US guidance	US guidance	
CarThera	SonoCloud 1	Unguided	Not used	
	SonoCloud 9	Unguided	Not used	
EDAP TMS	EDAP (prototype)	US guidance	US guidance	
	Mfocus	US guidance	US guidance	
Image Guided Therapy	3Bop	Stereotactic frame	—	
	LabFUS	MR guidance	MR guidance	
	Rodent FUS System	MR guidance	MR guidance	
	TargetedFUS	MR guidance	MR guidance	
	UFOGUIDE	MR guidance	MR guidance	
Medsonic	Bone phantoms - Medsonic	MR guidance	—	
	MR-Compatible Transducers	MR guidance	—	
	Robotic Systems	MR guidance	—	
	Shinsei motor electronic system	MR guidance	—	
	Skull phantoms - Medsonic	MR guidance	—	
OxSonics	SonoTran System	US guidance	US guidance	
TOOsonix	System ONE-R	Image fusion	Visual guidance	
TRANS-FUSIMO	TransFUSIMO Treatment System	MR guidance	MR guidance	
VeinSound, SAS	PHEA1	US guidance	US guidance	



FUS Devices with Treatment and Planning Guidance continued

Manufacturer	Device	Treatment guidance	Planning guidance	Approval
Europe				
Commercial				
EDAP TMS	Ablatherm	Image fusion	US guidance	+
	Focal One	Image fusion	MR & US guidance, Biopsies	+
EyeTechCare	EyeOP1	Unguided	—	+
Theraclion	Echopulse	US guidance	US guidance	+
	SONOVEIN	US guidance	Not used	+
TOOsonix	System ONE-M	Image fusion	Visual guidance	+



FUS Devices with Treatment and Planning Guidance continued

Manufacturer	Device	Treatment guidance	Planning guidance	Approval
Asia				
Research & Development				
Alpinion Medical Systems	VIFU2000	US guidance	—	
Chongqing Haifu Medical Technology	CKC100	Unguided	Not used	
	CZF300	Unguided	Not used	
	CZG100	Unguided	Not used	
	CZG300	US guidance	Not used	
	JC-076	—	—	
	LCA200	Unguided	Not used	
	LCA300	Unguided	Not used	
Hangzhou Fusong Technology	FoSurg	—	—	
IMGT	IMD10	US guidance	US guidance	
Korust CO LTD	Le Mette	Unguided	Not used	
	RHINOS	Other guidance	Other	
	UTIMS	Unguided	Not used	
Mianyang Sonic Electronic	CZ901	US guidance	—	
NaviFUS	NaviFUS System (Model 001)	Neuronavigation	MR/CT guidance	
	NaviFUS System (Model 101)	Other guidance	MR/CT guidance	
	NaviFUS System (Model 101-K)	Other guidance	MR/CT guidance	
Neurosona	NS-US100	Other guidance	MR/CT guidance	
	NS-US200	Other guidance	MR/CT guidance	
Shende Medical	Aceso-NIA	MR guidance	MR/CT guidance	
	Aceso-PIA	MR guidance	MR guidance	
Shenzhen Huikang Medical Apparatus	HIFU 2001	US guidance	—	
Shenzhen PRO-HITU Medical	PRO3008	US guidance	US guidance	
	UT1000	Unguided	Not used	
Sonire Therapeutics	Suizenji	US guidance	CT guidance	
Sound Wave	LIPUS-Brain	—	MR guidance	



FUS Devices with Treatment and Planning Guidance continued

Manufacturer	Device	Treatment guidance	Planning guidance	Approval
Asia				
Research & Development continued				
Suntec Industries	Suntec System	US guidance	—	
Zhonghui Medica ¹	SUA-I	US guidance	US guidance	
	SUV-I ²	US guidance	US guidance	
	SUV-II	US guidance	US guidance	

¹ Commonly known as Sinoways.

² Device was formerly known as SUP-I.



FUS Devices with Treatment and Planning Guidance continued

Manufacturer	Device	Treatment guidance	Planning guidance	Approval
Asia				
Commercial				
Alpinion Medical Systems	Alpius 900	US guidance	—	+
Changjiangyuan Technology Development	NUTAS – Non-invasive Ultrasound Tumor Ablation System	US guidance	US guidance	+
	SUPER Knife-Focused Beam Therapy System	MR & US guidance	—	+
Chongqing Haifu Medical Technology	CZB	Other guidance	Other	+
	CZF	Unguided	Not used	+
	JC	US guidance	US guidance	+
	JC200	US guidance	US guidance	+
	JC200A	US guidance	US guidance	+
	JC200B	US guidance	US guidance	+
	JC200C	US guidance	US guidance	+
	JC200D	US guidance	US guidance	+
	JC200D0	US guidance	US guidance	+
	JC200D1	US guidance	US guidance	+
	JC200D2	US guidance	US guidance	+
	JC200D3	US guidance	US guidance	+
	JC210	US guidance	US guidance	+
	JC220	US guidance	US guidance	+
	JC300	US guidance	US guidance	+
	JC300P	US guidance	US guidance	+
	JC300S	US guidance	US guidance	+
	JCQ-B100	US guidance	US guidance	+
	JCQ-B130	US guidance	US guidance	+
	JCQ-B150	US guidance	US guidance	+
EpiSonica	ArcBLATE (ARC-100M)	MR guidance	MR guidance	+
Shanghai A&S	HIFUNIT9000	US guidance	MR guidance	+
Shende Medical	Aceso-UIA ¹	MR guidance	MR guidance	+

¹ Device was formerly known as Asceco.



FUS Devices with Treatment and Planning Guidance continued

Manufacturer	Device	Treatment guidance	Planning guidance	Approval
Asia				
Commercial continued				
Shenzhen PRO-HITU Medical	PRO2008	US guidance	US guidance	+
	PRO300	US guidance	US guidance	+
	PRO5G	Other guidance	Visual guidance	+
Wuxi Haiying Electronic Medical	HY2900	US guidance	—	+

FUS Devices with Treatment and Planning Guidance *continued*

Manufacturer	Device	Treatment guidance	Planning guidance	Approval
Middle East				
Research & Development				
NINA Medical	LOTUS-1	US guidance	US guidance	
Vensica Medical	The Vibe	–	–	
	Vensica (prototype)	US guidance	–	
Commercial				
Insightec	Exablate Body	MR guidance	MR guidance	+
	Exablate Neuro	MR guidance	MR/CT guidance	+
	Exablate Prostate	MR guidance	MR guidance	+

Page intentionally left blank