

澳大利亚生物技术协会 澳大利亚医疗技术公司名录



公司资料

公司名称: Nanosonics Ltd

关键联系人姓名: Tara Croft

关键联系人职位: 全球产品管理主管

公司网址: www.nanosonics.com.au

公司地址: Nanosonics Limited, 24/566 Gardeners Road Alexandria NSW 2015

公司已上市。

关于公司

Nanosonics Ltd 是一家在澳洲证券交易所上市的公司，公司总部位于澳大利亚悉尼，还设有美国办事处 (Nanosonics Inc.) 和欧洲办事处 (Nanosonics Europe GmbH)。

我们是开发感染控制创新技术的领导者。我们的旗舰产品 trophon® EPR 是进行快速、安全和有效的超声波换能器消毒的首个自动化系统。这个独特的平台技术能在 7 分钟以内、不同患者之间有效地为探头（包括转轴和手柄）消毒。

作为点护理解决方案，trophon EPR 有助于减少在超声波室和单独的清洗室之间运输探头的需求。这意味着使用探头会更容易，可以减少同等数量的患者所需的探头数量。

高级别消毒 (HLD) 效果对于半关键医疗器械至关重要，原因是使用这些器械时可能存在交叉感染的风险。已通过临床验证的 trophon EPR 达到了全球公认的 HLD 标准，并且可以同时为探头转轴和手柄消毒。探头厂家已批准在 600 多个探头中使用 trophon EPR。

监控温度、雾量和流速的传感器以及始终控制流程所有方面的完善软件保证了流程质量的一致性。在每个消毒周期结束时，trophon EPR 的智能控制单元决定该周期是否成功，并由化学指示剂的颜色变化验证。

可以使用可选的跟踪性解决方案将患者与探头和操作联系起来。自动化的文件和报告有助于最大限度减少错误，并促进对审计和认证要求的遵守。

trophon EPR 提供的是更简单更智能的探头消毒。

如要了解更多信息，请联系 @ +61 2 8063 1600 或发送电子邮件到：
info@nanosonics.com.au。如要在各自地区获得销售支持及进行咨询，请联系您当地的 trophon 代表：
www.nanosonics.com.au/Support。

关键或领先技术

Nanosonics 致力于使用一流产品 trophon® EPR 来预防医疗照护相关感染。trophon EPR 是新一代超声波探头消毒系统。Nanosonics 发现了市场上对于快速、安全且环保的探头消毒的需求尚未得到满足。这个独特的平台技术能在 7 分钟以内、不同患者之间有效地为探头（包括转轴和手柄）消毒。

医疗器械的消毒和灭菌对于确保病人之间不传染传染性病原体至关重要，能相应减少医疗照护相关感染。由于存在热敏感性，因此并非所有医疗器械都可进行消毒，所以澳大拉西亚超声波医学会 (ASUM)、食品和药物管理局 (FDA)、病预防和控制中心 (CDC) 指南推荐对这些器械进行高级别消毒 (HLD)。腔内超声波探头正是这些需要高级别消毒的医疗器械之一。

它独特的平台技术能产生含有亚微米雾的专用消毒剂，这种亚微米雾可快速被分配到需要消毒或灭菌的表面。在该过程结束时，Nanosonics 流程将雾分解，留下氧气和水这两种主要副产品。

Nanosonics 的平台技术与现有方法相比具有许多核心优势，包括应用广泛、能保证操作者和患者的安全、产生的副产品环保、操作温度较低和消毒效果好。我们计划首先将我们的科技用于解决医疗保健市场目前面临的重大挑战。

从产品设计、制造、包装和运营，Nanosonics 活动的每个方面都专注于实现双重目标，即提供优越且性价比高的医疗保健，同时确保遵守职业健康和环境安全的最高标准。

类别

器械：其他

关键或领先技术的研发阶段

市场产品

所寻机遇

无竞争产品

- trophon EPR 是目前唯一一款经过验证可以与许多不同的探头共同使用的自动点护理消毒器械。

强劲的市场推动因素

- 对与成像相关的医疗保健相关感染的风险意识不断增强。目前有毒的解决方案正逐渐受到抵制。越来越多的临床证据证明目前多种方法的缺点和 trophon EPR 的优越性。

不断扩大的市场机会和强大的分销伙伴

- 已获得批准，可在全球主要市场上销售。已与美国的 GE 医疗集团、英国的 Toshiba 以及德国、奥地利、荷兰、比利时、卢森堡和意大利的 Miele Professional 签订分销协议。
-

Directory of Australian medtech companies



COMPANY DETAILS

Company name: Nanosonics Ltd

Key contact name: Tara Croft

Job title of key contact: Head of Global Product Management

Company website address: www.nanosonics.com.au

Company address: Nanosonics Limited, 24/566 Gardeners Road Alexandria NSW 2015

The company is Listed.

ABOUT THE COMPANY

Nanosonics Ltd is an ASX-listed company with corporate headquarters in Sydney, Australia and offices in the USA (Nanosonics Inc.) and Europe (Nanosonics Europe GmbH).

We are a leader in the development of innovative technology for infection control. Our flagship product, trophon® EPR, is the first automated system for fast, safe and effective ultrasound transducer disinfection. This unique platform technology effectively disinfects the probe including the shaft and handle, in just seven minutes, between patients.

As a point of care solution, the trophon EPR helps reduce the need to transport probes between the ultrasound suite and separate cleaning rooms. This means probes can be more readily available, which may result in fewer probes required for the same patient volume.

HLD efficacy is crucial for semi critical medical equipment where there may be risks of cross contamination. Clinically validated trophon EPR meets recognized global standards for HLD and disinfects both the probe shaft and handle at the same time. Probe manufacturers have approved trophon EPR for use with more than 600 probes.

Process quality consistency is provided by sensors which monitor temperature, mist volume and flow rates, and sophisticated software which controls all aspects of the process at all times. At the end of each disinfection cycle, the trophon EPR's intelligent control unit determines that the cycle is successful and this is validated by the Chemical Indicator colour change.

An optional traceability solution is available to link your patient with the probe and the procedure. The automated documentation and reporting helps to minimize errors and facilitate compliance with audit and accreditation requirements.

trophon EPR delivers simply smarter probe disinfection.

For more detailed product information please contact Nanosonics @ +61 2 8063 1600 or email: info@nanosonics.com.au . For sales support and enquires in respective regions please contact your local trophon representative: www.nanosonics.com.au/Support.

KEY OR LEAD TECHNOLOGY

Nanosonics is committed to preventing HAIs, through our first product, trophon® EPR. The trophon EPR is the next generation in ultrasound probe disinfection. Nanosonics identified an unmet need in the market for fast, safe, eco-friendly probe disinfection. This unique platform technology effectively disinfects the probe including the shaft and handle - in just seven minutes between patients.

Disinfection and sterilisation of medical equipment are essential for ensuring there is no transmission of infectious pathogens between patients thereby reducing HAI's. Not all medical instruments can be sterilised due to heat sensitivity and therefore the Australasian Society for Ultrasound in Medicine (ASUM), The Food and Drug Administration (FDA) and the Centers for Disease Control and Prevention (CDC) guidelines recommend high level disinfection (HLD) of these devices. Intracavity ultrasound probes are one such medical device that require high level disinfection.

Its unique platform technology produces a proprietary disinfectant containing sub-micron mist which can be quickly distributed to surfaces requiring disinfection or sterilisation. At the end of the process, Nanosonics' process breaks down the mist leaving oxygen and water as the primary by-products.

Nanosonics' platform technologies have a number of core benefits compared to existing methods, including broad based applications, operator & patient safety and environmentally friendly by-products, low operating temperatures and disinfectant efficacy. Initial applications for our technologies is designed to address significant challenges currently facing medical and healthcare markets.

Every aspect of Nanosonics' activities from product design, manufacturing, packaging and operations are focused on the dual objectives of delivering superior cost effective healthcare, while ensuring the highest standard of occupational health and environmental safety.

Category

Devices: Other

Point of development of key or lead technology

Product on the market

OPPORTUNITIES SOUGHT

No competing products

- The trophon EPR is currently the only automated, point of care disinfection device validated for use with a wide range of probes.

Strong Market drivers

- Growing awareness of risks of imaging related healthcare acquired infections. Current toxic solutions being progressively rejected. Mounting clinical evidence demonstrating shortcomings of current procedures and superiority of trophon EPR.

Growing market opportunity and strong distribution partners

- Approved for sale in all major global markets. Distribution agreements in place with GE Healthcare in the US, Toshiba in the UK and Miele Professional in Germany, Austria, the Netherlands, Belgium, Luxemburg and Italy.