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The Two most Important Varieties of the Ultrasound Transducer: a Discussion by Nishaidhijames

Article published on July 5th 2012 | Health

Speaking of ultrasound transducers is not easy. Given their huge diversity, a detailed description of these devices might take up both ages and pages. However, if you are a newbie about to join the medical industry, then it is important that you develop some understanding of ultrasound machines and transducers. In the age of internet, a majority of ultrasound transducers are available online. Therefore, finding then wonâ€™t be difficult. Without proper knowledge though, you might be tricked into buying below standard items by dishonest vendors. To safeguard your money against such dubious interests, we have prepared a list of the most common ultrasound transducers around.

At the top of the list we have the immersion transducer. These ultrasound transducers are designed especially to work in liquid environments. Therefore, in this case, all connections are virtually watertight. They are primarily used for inspecting components that may not require any direct contact.

From immersion transducer let us turn focus on contact transducers. These are normally operated by hand and used during direct contact inspections. Ergonomically designed, , these devices offer easy grip facilities and can move over the surface quiet effortlessly. Certain materials like oil, grease or water are used to remove the air gap that may form between the component and the transducer. As discussed already, upon entering a medical facility, contact transducers are the most common variety of the transducer you will encounter.

Despite being highly useful and efficient, transducers are also prone to damages. Getting then repaired is no childâ€™s play for it requires both technical expertise and loads of cash. Hence, be sure to deal with the right vendors. As pointed out above, there is hardly any dearth of dealers or vendors. The market though is packed with some really dubious people as well. This is where doing good research becomes all the more important. Where it concerns something as sensitive as the ultrasound transducer, you just cannot afford to address things lightly. Hence, make sure that you know enough about the vendor before finally dealing with him.

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Nishaidhijames - About Author:
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Article Keywords:
ultrasound transducer, ultrasound transducers

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