Carestream

Sustainability Profile

Carestream's innovation process includes sustainability elements.

Product:

CARESTREAM Touch Prime Ultrasound System

Description:

The CARESTREAM Touch Prime Ultrasound System* is designed to deliver high-quality images rapidly and cost-effectivly. It also sets a new standard for ergonomic, sonographer-friendly design. The Touch family offers improved efficiency and ease of use by allowing each sonographer to personalize the scanners to his or her preferences. The soft keys – which replace conventional knobs, pods, buttons and trackball – can be assigned and their functions defined to match the way each sonographer prefers to use the machine. Leveraging software to replace hard keys on the console improves efficiency and ease of use. This makes the most of sonographers' skills, enhancing image quality, increasing reproducibility, and accelerating patient throughput.

Societal value:

By using the latest technologies from world-class suppliers, Touch Prime capitalizes on ultrasound's use of non-ionizing radiation to deliver comparatively low-cost, high-value results that benefit patients, administrators and sonographers. Touch Prime is designed for easy maneuverability – it's a sleek, compact and lightweight system that can navigate tight spaces. Ergonomic, flexible positioning makes it easy to achieve the optimal viewing angle and offers sonographers greater comfort to help reduce repetitive-strain injuries.

The CARESTREAM Touch Prime Ultrasound System is also designed for ease of servicing, with exchange parts and field-serviceable modules. These help keep service costs low and helps ensure the system is up and running when needed to support productive workflow and a high standard of patient care. The flat surface of the all-touch user interface is extremely easy to clean and facilitates disinfection.

Environmental sensitivity:

As always, Carestream seeks to leave the smallest footprint possible on the environment. The Touch Prime System is designed and built for high reliability, to minimize parts replacement and help extend the system's functional life. All materials are ROHS compliant. Manufacturing efficiencies have been achieved with molded plastics which aid in reducing scrap waste. The fast, cold-boot feature allows rapid access to imaging and eliminates the need for battery standby mode. This, in turn, keeps the weight of the unit low and helps to lessen the impact to the environment. Both of these aspects lend themselves to less consumption of natural resources, and may reduce pollution from transportation and fewer disposal processes.

*HEALTH CANADA LICENSE PENDING.

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