SENSOR TECH SUPPORTS IN-HOME HEALTHCARE

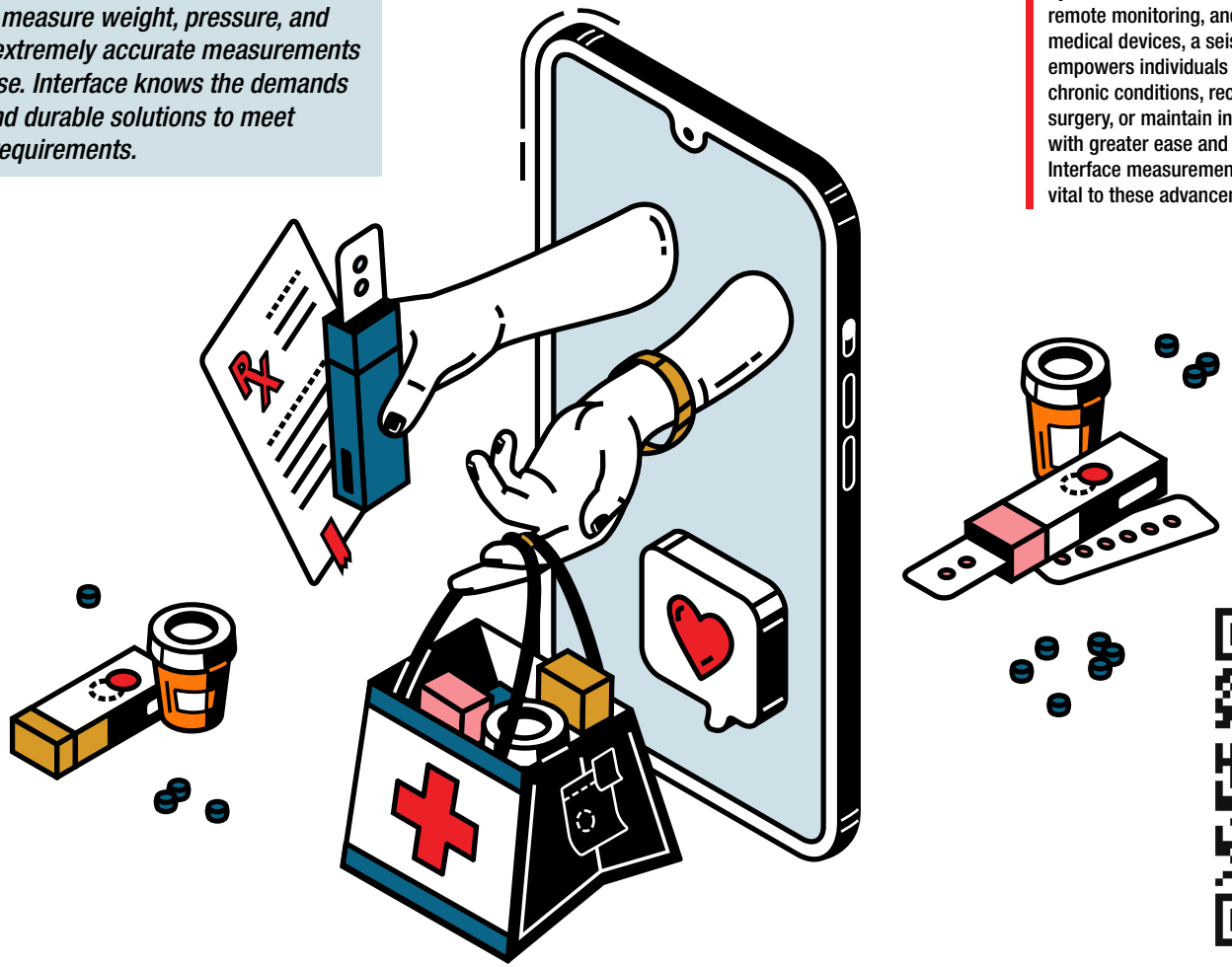
Interface
FORCE MEASUREMENT SOLUTIONS

Interface's load cells, torque transducers, and multi-axis sensors help validate and test medical devices and equipment used for in-home care, ensuring the efficacy and safety of this equipment before it reaches consumers. Our Mini Load Cells, including our WMC, S-Types, MB, SSM, and LBM models, are frequently used by healthcare device manufacturers due to their simple incorporation into existing and new products. These sensitive sensors are integrated into various medical devices such as beds, scales, wheelchairs, fluid systems, rehabilitation equipment, and lift systems to measure weight, pressure, and force. These products require extremely accurate measurements before they are approved for use. Interface knows the demands of providing reliable, quality, and durable solutions to meet stringent in-home healthcare requirements.

Global home medical equipment market is growing rapidly, estimated to reach $60B in 2032. Interconnected devices and chronic care are driving demand. Predictions state that home healthcare in the United States will grow to $153B by 2029. Aging populations pushing for in-home care are contributing to this growth.

With remote monitoring, healthcare professionals can observe patients outside of traditional care facilities. Remote monitoring transmits data through sensor technologies in realtime,meaning healthcare professionals have improved information about what's going on with their patients at all times. Driven by advancements in wearable tech, remote monitoring, and portable medical devices, a seismic shift empowers individuals to manage chronic conditions, recover from surgery, or maintain independence with greater ease and comfort. Interface measurement solutions are vital to these advancements.

Interface has a long history of providing the medical and healthcare industry with force measurement products for medical devices, pharmaceuticals, and in-home healthcare applications.



Any approved medical device takes years to complete the final product, including the regulation and compliance. Interface Mini Load Cells and custom OEM solutions are used by design houses and testing labs throughout the prototyping phases.

There is currently a high demand for in-home medical devices. These devices can improve outcomes through increased compliance, early intervention, and personalized care. Home healthcare can be significantly cheaper than hospital care, benefiting patients and healthcare systems.

Sources:
Top Home Health Trends for 2024. Suppemental Health Care. 2024.