

Custom Sensors for the Medical Industry



VPG Transducers – Your partner, with more than 50 years of design experience

We are dedicated to working with you to find the right solutions for your unique requirements. In many cases, the right sensor is already available among our broad range of high-quality standard sensors. Even better, custom solutions are no problem either. Our team of experts has the experience to develop the right system to address your challenge.

- The widest array of products to suit your sensor applications
- High-quality standard and custom sensors
- Design support for your engineering team
- Sensors tailored to your unique requirements
- Samples and beta units available

Our solutions are found in many medical applications, including but not limited to:

Weighing Applications

- Medical Beds
 - Hospital beds
 - Stretchers
 - Bariatric care
 - Surgical beds
 - Critical care beds
 - Infant beds
- Patient Handling
 - Floor lifts
 - Ceiling lifts
 - Bathing aids
- Patient Comfort
 - Armchairs
 - Recliners

Force Measurement Applications

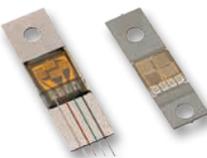
- Blood pressure and heart rate monitoring equipment
- Infusion pumps
- Prosthetics feedback control systems
- Motion rehab equipment
- Mammography devices

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VPG Transducers

Celtron • Revere • Sensortronics • Tedea-Huntleigh

A few of our many standard sensors with possible applications are shown below.

Sensor	Features	Application
380 	High capacity up to 500 kg Extremely flat; low profile IP65 protection High impedance to reduce power consumption Easy calibration—no requirement for J-box with pots	
Bonding Beams 	Accurate, universal force measurement Configurable to several precision applications Cost-effective alternatives	
1211 	Unique and versatile OIML medical requirement capability Used in various compression and tension applications	
Pin Type 	Allows maximum desirable lift height Simple and durable application Suitable for a variety of patient-lift designs	
1144, 3410, SQB, and others 	Easy-entry and hidden-from-view installations High accuracy, reliability, and durability Suitable for trend measurement Suitable for patient weight and exit alarm features	
Snap-On Sensors 	Up to 10 KΩ for extended battery life Customized solutions Sized for installation in small spaces Easy installation	
380w Mounted in "Picture-Frame Scale" 	Very low profile Allows X-ray through center without interference Adaptable to any rectangularly sized scale Customized solutions and options available IP66 protection	

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