

FlexiForce® : The Smart Load Sensing Solution for Medical Applications

With FlexiForce sensors, you can:

- Measure the forces exerted by various tools during surgery for a more sensitive tactile response and accurate simulations
- Ensure optimal administration of interventional procedures by providing real-time, objective tactile force feedback
- Obtain feedback from the forces exerted by infusion and syringe pumps to ensure they are functioning properly
- Certify axial stabilization of tendons and evenness of tissues within joints during surgery to facilitate proper recovery
- Develop a force threshold switch for electro-stimulation therapy during rehabilitation.

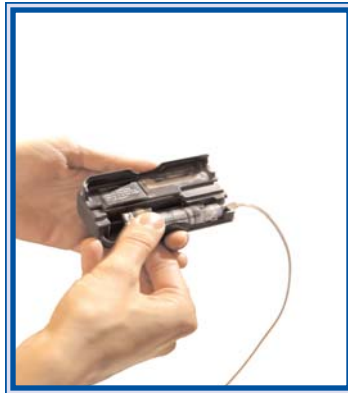
Industries:

- Athletic Equipment Manufacturers
- Consumer Product Manufacturers
- Medical
- Military
- Educational
- Government Agencies



In the medical field, accuracy and reliability are not a luxury, but a necessity. Sensitive procedures, such as surgery and rehabilitative sessions, require devices that will deliver appropriate, objective tactile feedback in a manner that is as inobtrusive as possible to the patient and practitioner. It is for these reasons and more that medical professionals, product designers and engineers alike strive to incorporate *FlexiForce*® sensors into their medical solutions.

FlexiForce force sensors are ultra-thin (0.008"), flexible, non-obtrusive printed circuits. Their construction allows for easy maneuvering and an exclusive fit, even during the most delicate of surgical procedures. *FlexiForce* sensors are fully customizable to suit your unique OEM medical application. Standard sensors are also available for proof of concept, or for a quick, low quantity, R&D solution.



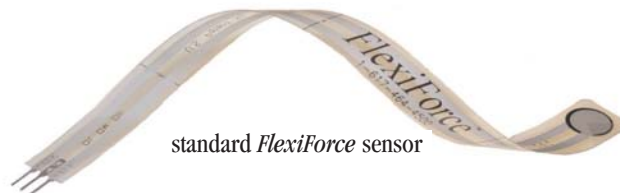
shown: infusion pump



shown: example of customized sensor

Benefits:

- Ultra-thin sensor construction and flexibility means minimal interference/disturbance to normal action
- Accurate response gives your customers and end users confidence in the performance of your product
- Knowledgeable/experienced technical staff help you develop the most effective, economical sensor based on your specific requirements. All manufacturing takes place at ISO 9001 & 13485 certified Tekscan headquarters.
- 100% factory inspection ensures your sensors meet established performance specifications.



standard *FlexiForce* sensor

Call Today to Find Your Solution!



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