

FlexiForce® : The Smart Load Sensing Solution for Grip Applications

With FlexiForce sensors, you can:

- Measure the actual grip forces on golf clubs, tennis racquets, baseball bats, etc. to better analyze the distinct forces involved, or diagnose a problem
- Provide tactile force feedback for robotic arms to ensure safe, accurate, and more independent handling of products and equipment
- Identify level of grip forces applied to handheld devices and trigger an appropriate action based on grip force level.

Industries:

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

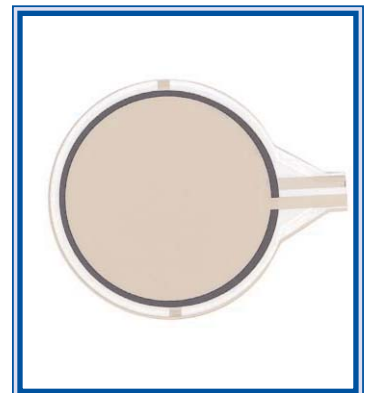


Accurate grip measurement has become increasingly important in today's world of continued ergonomic improvement. Historically, there have been limitations with grip measurement. Load cells are expensive and bulky; pressure films relay only relative measurements reflecting the maximum pressure experienced over a given sequence. For these reasons, more and more product designers and engineers are turning to *FlexiForce*® to solve their grip measurement needs.

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 grip application. Standard sensors are also available for proof of concept, or for a quick, low quantity, R&D solution.



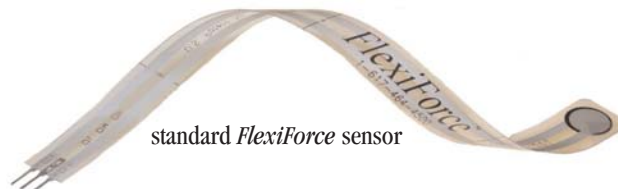
shown: example of robotic arm



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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