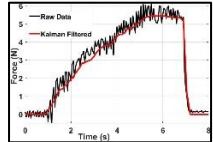
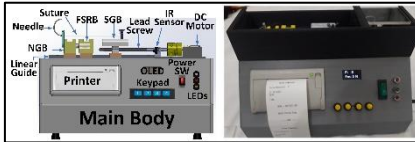


SMART SUTURE/THREAD ATTACHMENT FORCE/TENSILE MEASUREMENT DEVICE



NED-PT-01 is a low-cost indigenous, smart and efficient design for attachment force pull testing using a Tactile Sensor-based technology for measuring tensile, ductile forces of threads, sutures, attachments to be used in Medical and Textile industry (for various thread pull testing/tensile strength). The proposed design idea is published in IEEE Transaction on Instrumentation and Measurements (Top Journal worldwide in General Instrumentation and Measurements), New Jersey, USA.

FEATURES

- Suture Size: 3/0 – 9/0
- Force Measurement: 0.2N – 20N
- Operating Mechanism: Tactile Sensor (FSR)
- User Input: Keypad
- Output Panel: On-board Printer, Status indicating LEDs & OLED Display
- Type of Samples: Threads, Wires & Surgical Sutures