



# SS INSTRUMENTS

MANUFACTURERS OF TEST AND MEASURING EQUIPMENTS

# 96, 4TH CROSS, 2ND MAIN, INDUSTRIAL LANE, NEAR SAI MANDIRA, KAMAKSHIPALYA, BANGALORE 560079

## ACTIVATION FORCE AND DISPLACEMENT MEASURING INSTRUMENT

The Activation Force & Displacement Measuring Instrument is a high-precision testing system designed to evaluate the force-displacement characteristics of Keypad. Built with a servo-driven mechanism and PLC-HMI control, the system ensures accurate, repeatable, and reliable testing for industrial and R&D applications.



### KEY FEATURES

- High Precision Measurement Using Servo Motor And Ball Screw Mechanism
- Dual Parameter Monitoring – Force & Displacement In Real Time
- Recipe-Based Testing For Repeatable And Standardized Operations
- User-Friendly HMI Interface For Easy Operation And Control
- Graphical Visualization – Load Vs Time & Displacement Vs Time
- Data Logging & Export In Excel Format
- External Analysis Support For Load Vs Displacement Curves
- Multiple Unit Selection – Gram (G) / Newton (N)
- Compact & Robust Industrial Design

- Custom-Built Special Purpose Machine
- Accuracy
- Reliability
- Productivity



### Contact Information

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