

K.J. INTERNATIONAL



An ISO 9001:2015 Certified Company

Complete Solutions of Testing Equipments "Concrete, Steel rods wires, Safety Lifting belts, Plastics, Automobile , Geo Textile, industry and many more....."

CATALOG FOR SINGLE PILLER TENSILE TESTING M/C. CAPACITY UPTO 750 KGS (KJE SPTTM)



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"Our Sister Concern Company: - M/s. K.J. Enterprise"
"K.J.Technical services"

**SINGLE PILLER TENSILE TESTING M/C. CAPACITY
UPTO 750 KGS (KJE SPTTM)**



SINGLE PILLER TENSILE TESTING M/C. CAPACITY UPTO 750 KGS (KJE SPTTM)



The Machine is Designed and developed as per relevant Indian, International standard for the Physical and mechanical properties like Tensile, Elongation, Compression, Peel, Bond strength test required of different samples like Steel, Plastic, Geo textile threads ,Steel, Alluminium, Copper wires, Packaging stripes, Pvc bags, and many more as per special products & would be customized for above products manufacturing major industry for Q.C. & R & D lab .

Specification :-

- Available in all range from 20, 50, 100, 200, 300,500,750 KGS and customized
- Maximum Load Testing Capacity : 0.5 KG TO 500 / 100 KGs
- Double side load cell would be provided for high and low ranges for two channel operations.
- Load Accuracy : $\pm 0.1\%$ to 0.5% of indicated load.
- Speed Accuracy:- ± 0.1 to 0.5 mm as per length
- Vertical Clearance:- 1 to 900 mm * Cross-head max travel:- 1 to 800 mm -customized

SINGLE PILLER TENSILE TESTING M/C. CAPACITY UPTO 750 KGS (KJE SPTTM)



Specification :-

- Control Panel : High speed electronic PLC's with program converter ,4 " HD HMI Colorful display / Micro controller LCD display compatible to operate with ms windows based computer support
- The Touch screen display would show results in a clear or easy to read format with data analysis.
- Creation of database records with storage facilities and easy handling & calibration process is provided .
- The system would have facility to printing of Test report with graph. Load V/s Displacement, Load V/s Time, Strain Graphs etc..
- Single Pillar Heavy still structure to sustain and absorb the breaking load of the sample
- Adjustable centre movable head through Vertical Moving pillars controlled by Very fine noiseless and smooth gears mechanism would be provided and fitted with servo drive controlled motor.
- For PLC and HMI , software would be inbuilt and for microprocessor LCD display would be at extra cost.
- The machine would be Operates on 1 phase ,240 volts A.C. 50 hz. power supply .
- **Note: We can Design and develop Customised machine as they required..**