

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 UNIVERSAL WIRE STRESS RELAXATION TESTING MACHINE CAPACITY UPTO 10000 KGS (K.J.E.-UWSRTM)(10 Tone)



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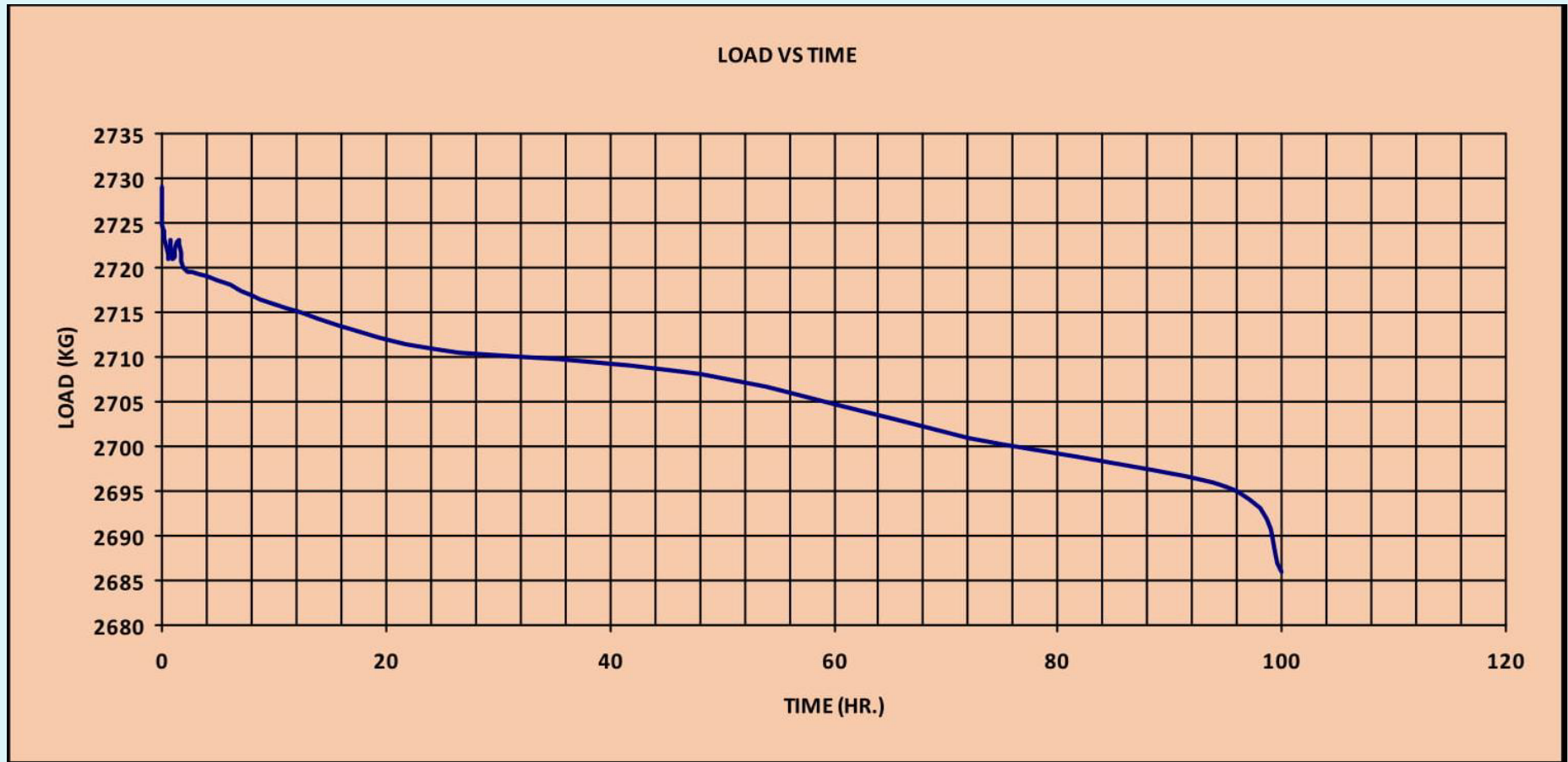
**“Our Sister Concern Company:- M/s. K.J. Enterprise”
“K.J. Technical services”**

UNIVERSAL WIRE STRESS RELAXATION TESTING MACHINE CAPACITY UPTO 10000 KGS (K.J.E.-UWSRTM) (10 Tone)

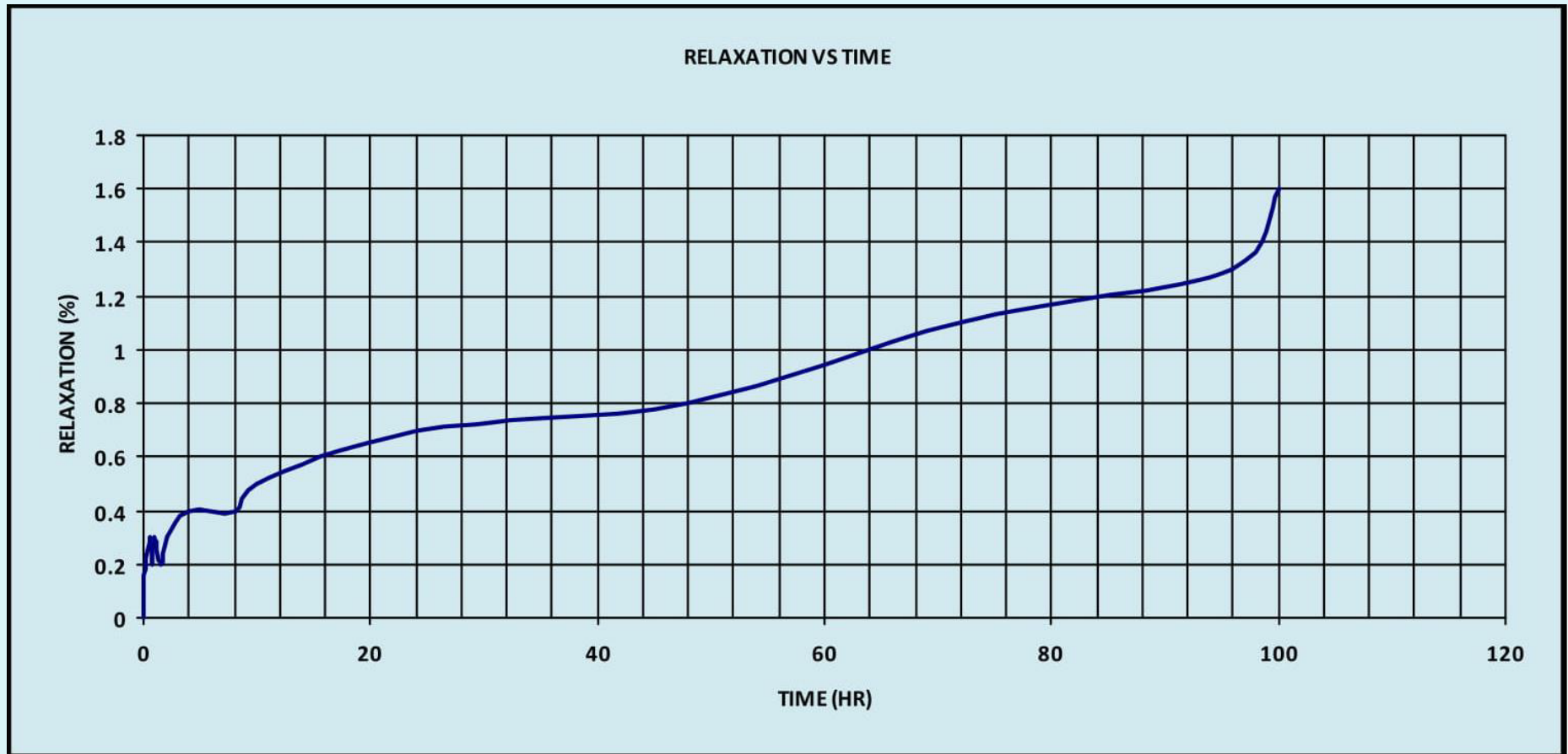


UNIVERSAL WIRE STRESS RELAXATION TEST M/C 10000 KGF

Graph - Load (KG) VS Time (Hr)



Graph – Relaxation (%) VS Time (Hr)



UNIVERSAL WIRE STRESS RELAXATION TESTING MACHINE CAPACITY UPTO 10000 KGS (K.J.E.-UWSRTM) (10 Tone)



The Machine is Designed and developed as per relevant Indian standard (14268 -1995) and International standards (ISO 1560 -3) for the Physical and mechanical property of wire stress relaxation test required of different samples like High carbon Prestressed Steel Wires of single, 3, and 7 ply strands etc..... for above products manufacturing major industry for Q.C. & R & D lab .

Specification : -

- Maximum Load Testing Capacity : 1 KG TO 10000 KG (10 TON) and Customized
- Load Accuracy : ± 0.1 % to 0.5 % of indicated load.
- Horizontal Clearance: - 300 - 350mm * Vertical Clearance: - 1200 mm.
- Cross -head Max travel: - 900mm, * Cross -head speed range : - 1 mm/min to 50 mm/min .
- Speed Accuracy: - ± 0.1 to 0.5 mm as per length .
- Control Panel : High speed electronic PLC's with program converter ,7 " HD HMI Colorful 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 would be provided. The system would have facility to printing of Test report with graph. Relaxation of Load V/s Time.

UNIVERSAL WIRE STRESS RELAXATION TESTING MACHINE CAPACITY UPTO 10000 KGS (K.J.E.-UWSRTM) (10 Tone)



Specification : -

- Double Pillar Heavy steel structure to sustain and hold the load upto 1000 hours test.
- Specially heat treated grips would be designed as per fix and tight without slippages of sample holding .
- Adjustable cross head through Vertical Moving pillars controlled by Very fine noiseless and smooth gears mechanism would be provided and fitted with servo drive controlled motor.
- Easy calibration process is provided .
- The machine would be Operates on 3 phase ,440 volts A.C. 50 hz power supply .
- Note: - We can Design and develop Customised machine as they required ..

-: End of Catalogue : -

-: End of Catalogue : -