

CATALOG FOR UNIVERSAL WIRE STRESS RELAXATION TESTING MACHINE 10000 KGS(10 TONES)



K.J. Enterprise

An ISO 9001:2015 Certified Company

Specialist in Mfg. & Sales of : Testing Instruments for Cement, Concrete, Soil, Materials, Laboratory, NDT, Measuring & Surveying Instruments (Also Dealing in Electronics & Plastic Testing Instruments)

CORPORATE OFFICE AND WORKS:-

45, Union Industrial Estate, Nr. Rameshwar Parks B.R.T.S. Station, N.H.-8, Opp. Shivanand Nagar, Rajendrapark-Nagarwel Hanuman Mandir Road, Rakhial, Ahmedabad-380023, Gujarat, India.

E-MAIL:- jagannath_kj2000@yahoo.co.in, kj_ncp909@rediffmail.com,

Web Site:- www.kjenterpriseindia.com

PH-079-22910180, MOB-09824252066, MOB-09824197066.

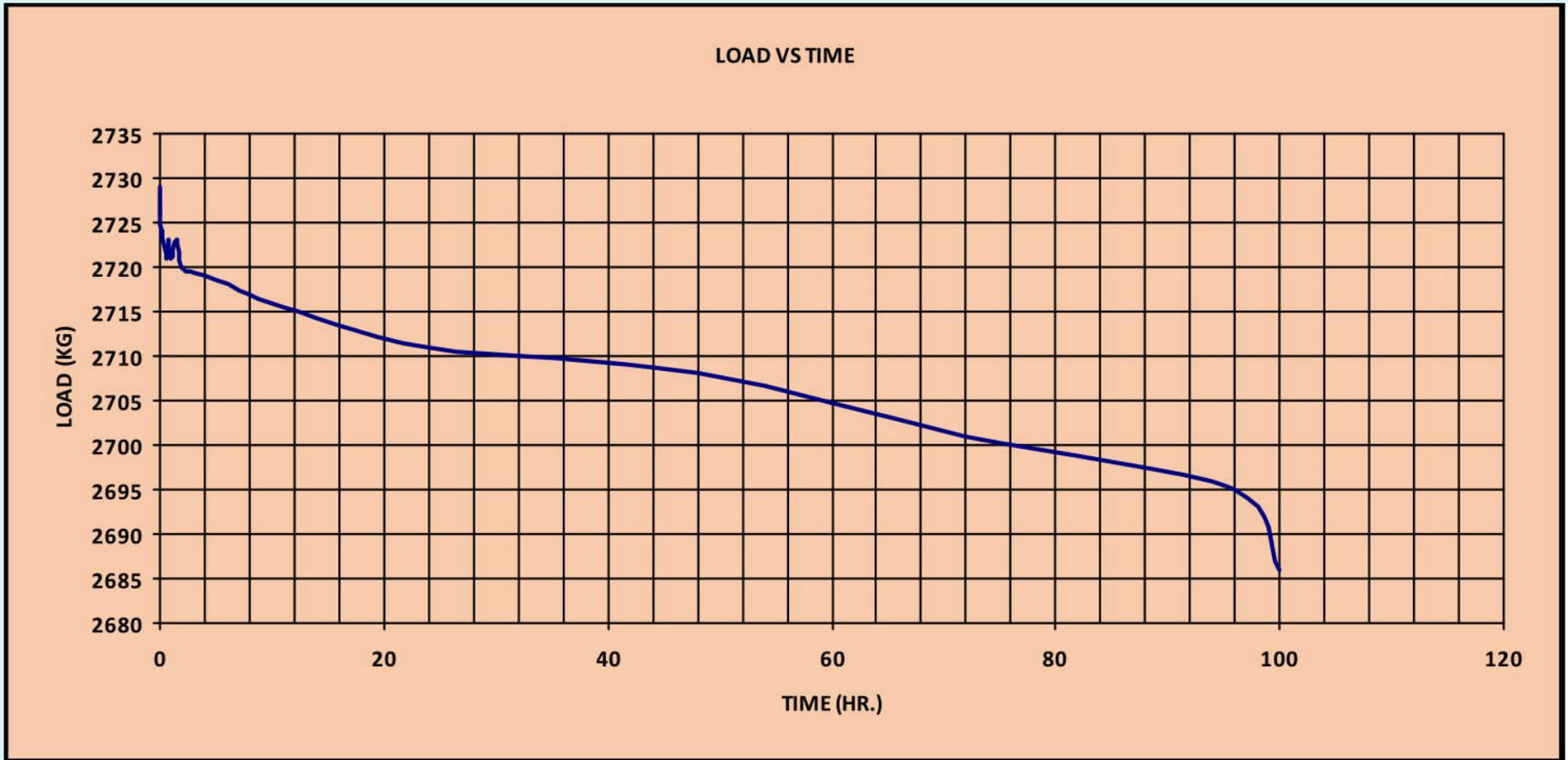


"Our Sister Concern Company:- M/s. K.J. Technical Services"
"R.D. Calibration and Consultancy"

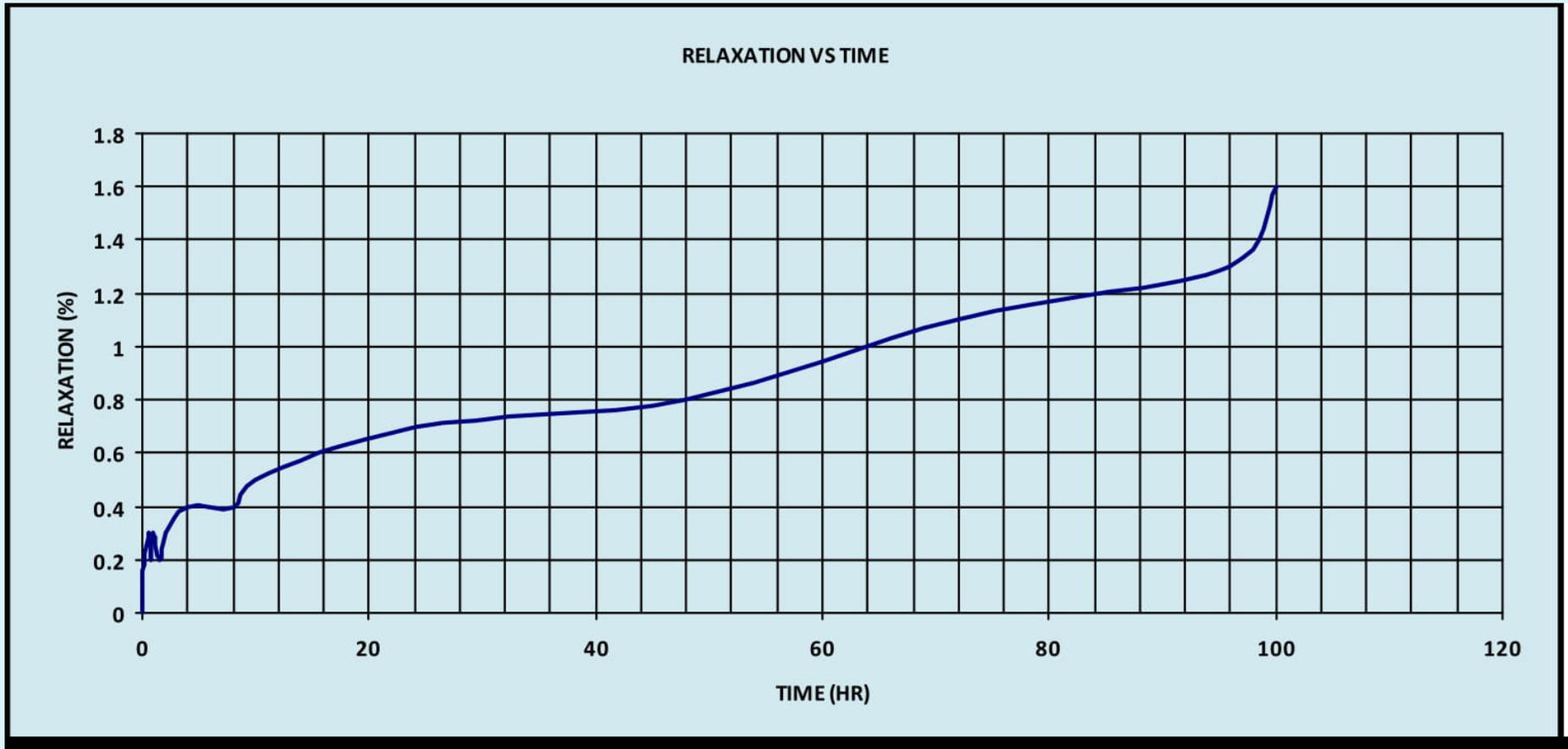
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Graph - Load (KG) VS Time (Hr)



Graph - Relaxation (%) VS Time (Hr)



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Specification :-

- Universal Wire Stress Relaxation Testing Machine is confirm with IS 6006 (1983).
- Capacity:- 10 Ton / 10000kg .Or Customized
- Type:- Double Pillar Heavy still structure ->Vertical Bench Top PLC based Touch Panel HD HMI.
- Testing Area :- Tension, Relaxation, Compression Through moving Heavy cross-head.
- Horizontal Clearance:- 300-350mm , Vertical Clearance:- 1200 mm.
- Cross-head Max travel:- 1000mm.
- Adjustable cross head through Vertical Moving pillars controlled by imported gear mechanism with servo drive controlled motor.
- Cross-head speed range :- 0.5 to 250mm/min .
- Cross-head speed selection:- 0.2 % increment of speed range .
- Speed Accuracy:- +/- 1% .
- Load Measuring accuracy:- +/- 0.5% of indicated load.
- Ranges:- 100 % of load cell in use .
- Servo drive controlled motor through PLC Control touch Panel as well as Computerized .
- Bothe maximum and minimum limits are controlled through switches.
- Auto overload or set point controlled through PLC.

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Specification :-

- Latest MS Windows 10 based software As per On line supports.
- For test programming, evolution and logging using a windows user interface combined with PC.
- Testing methods both On line and off line arrangements.
- power unit.:- 3 Phase 440V/50-60Hz/1hp .
- An Energy saving technology .

Hardware: High speed electronic PLC's with program converter , 7" HD Touch screen with compatible to connect through Ethernet port,

Firmware: Simultaneous display of load, Time , Load VS Time Graphs, Time VS Relaxation Graphs
LAN Connection to PC, Advanced Memory Management, Multi Coefficient Calibration. Data's can be analyze with real time management software (optional scada).

Optional Accessory:

- SCADA software.
- Data Acquisition, processing and filing. Printout of customized test certificates.
- On line customer software support through internet as and when required through Ethernet port.

(End of the catalog)