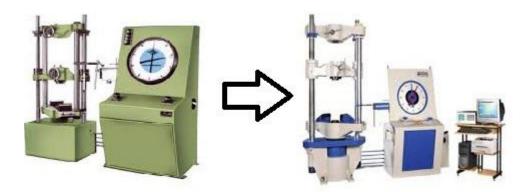


Conversion of Analogue Universal Testing Machine into Analogue cum Digital Universal Testing Machine

The Universal Testing Machine has been one of the most trusted and acknowledged Testing machine in Metal industries. With times the changes has affected its capability and usage. Now with options of conversion on hand, we can increase the life and capability of your most trusted asset.



Option 1

This option consist of following Items and Activities:-

We will add following parts to your machines:-

- 1. Microprocessor Based Panel (Make Fasne / Sakshi)
- 2. Pressure Cell (Make ADI)
- 3. Rotary Encoder with its assembly (Make Jen Encoder)
- 4. Software (Make Fasne / Krutam)
- 5. 4 Nos. Of Hydraulic Hoses
- 6. All required **wires** and **electrical connectors**.

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We will do following Activities in this project:-

- **Cleaning** of old machine body
- Fitment of Pressure cell and Rotary Encoder
- Fitment of electrical cables and hydraulic hoses
- Colouring of Machine body in BLUE & WHITE or RED & DARK GREY colour options.
- Installation of Electronics Panel
- Installation of Software in your computer
- Calibration
- Training and Handover

Advantages of this Conversion Option:-

- a. The analogue system has heavy **uncertainty** of measurement which **gets eliminated** in this option.
- b. Machine achieves limit of measurement with surety of 99% as required in ISO 17025 or NABL.
- c. Machine achieves its **working range** with above stated condition from as low as **2% to 100%** of its capacity.
- d. Graphs LOAD vs TIME, LOAD vs Cross Head Travel, LOAD vs Strain, Stress vs
 Strain can be plotted with this system.
- e. Machines gets ready to connect with Electronic Extensometer for measuring 0.2% PROOF STRESS.
- f. Life of Machine gets extended by min. 3 years upto atmost 10 years.
- g. Fatigue level of Operator gets decrease by 70%.

Estimated Delivery and Installation time

Delivery - 2 to 4 weeks from date of Advance received with your PO.

Installation - 3 days from date of 100% payment received.