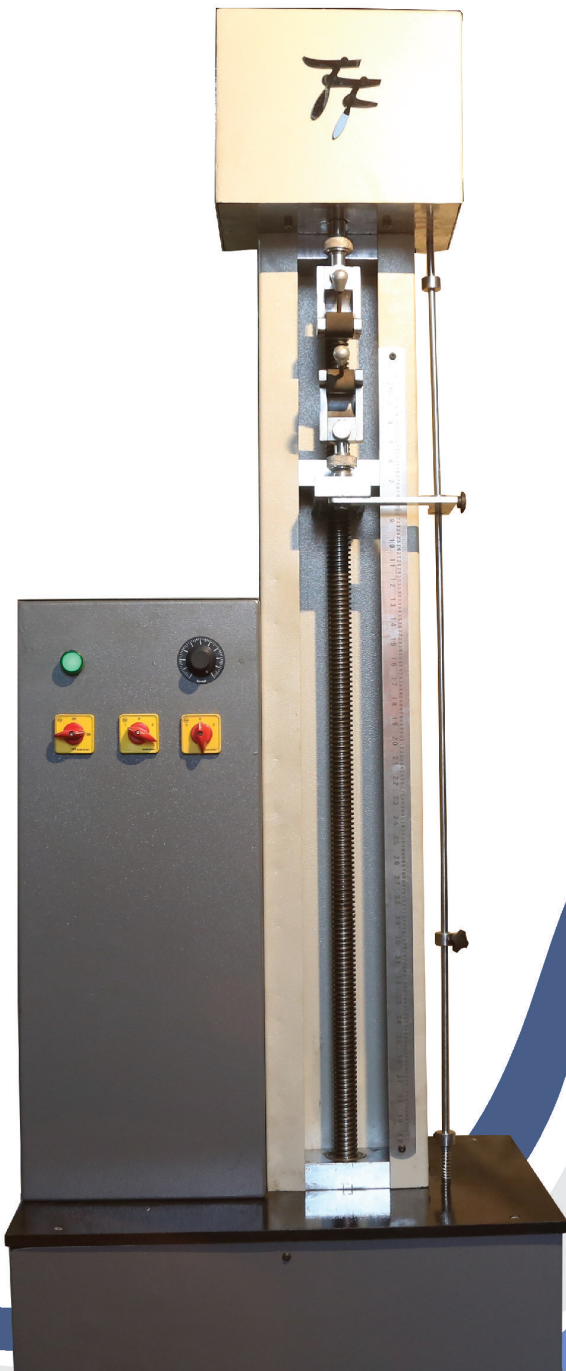


## Model Xgen<sup>®</sup> 2.5KN/5.0KN Computerized Tensile Testing Machine



The Future Foundation Xgen<sup>®</sup> 2.5KN/5.0KN tensometer is fully computerized mechanical testing system providing simplicity, performance and affordability needed for inhouse quality control and inline product testing.

From the routine, standardized Q.C. tests to general purpose testing, the Xgen<sup>®</sup> 2.5KN/5.0KN is the affordable solution for the modern testing laboratory.



[www.ffinstruments.com](http://www.ffinstruments.com)

## KEY FEATURES

- Affordable Computerized Testing Solution
- Simple design for easy serviceability
- Dual Column, Self Standing floor model
- Mechanical stability for trouble free performance
- Variable Drive Speed Control
- Dual Mode Console and P.C. controlled operation
- Mechanically Self tightening Roller Grips
- Built-in interlocking for operator safety
- "Emergency Stop" control via switch, computer or mechanical limit switches. a
- Graphical display of specimen test curves during test
- Pre-Set Test Setup for easy testing
- Printout of test report for recording
- Automated Test result calculation via software
- Provision to export data to excel for custom processing and analysis.
- "Auto Stop/Auto Return" on test completion for speed testing
- High Speed RS-232 connectivity assures data integrity and high speed data transfer rate.
- Quick-disconnect load cell and fixture system.

## Specifications

- |                          |   |
|--------------------------|---|
| ■ Load Capacity          | 500 Kg With 0.1 Kg least count          |
| ■ Elongation             | upto 900mm with 0.5mm least count       |
| ■ Travel Speed           | mm/min: 550 (max.) to mm/min: 50 (min)  |
| ■ Total Crosshead Travel | 900mm                                   |
| ■ Motor Drive            | D.C. Variable                           |
| ■ Dimensions             | Width 750cm, Height 1800cm, Depth 500cm |
| ■ Operating Temperature  | +10 to 38Deg C                          |
| ■ Power Supply           | 220-250VAC +/-5%, 60Hz +/- 3Hz          |

**Built in compliance with BIS, ASTM, ISO Standards**



Web: [www.ffinstruments.com](http://www.ffinstruments.com)

## Future Foundation

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