



MAT-TEST

Materials Testing System for
Tension and compression Testing



• **User Friendly**

• **Easy To Learn**



• **Multiple Control Options**

• **Generates Multiple and Single Test Reports**



Mat-Test Testing system is a proven product for

- Production Testing
- Quality assurance
- Research
- Compression testing
- Tensile testing
- Bend testing
- Peel and Tear testing

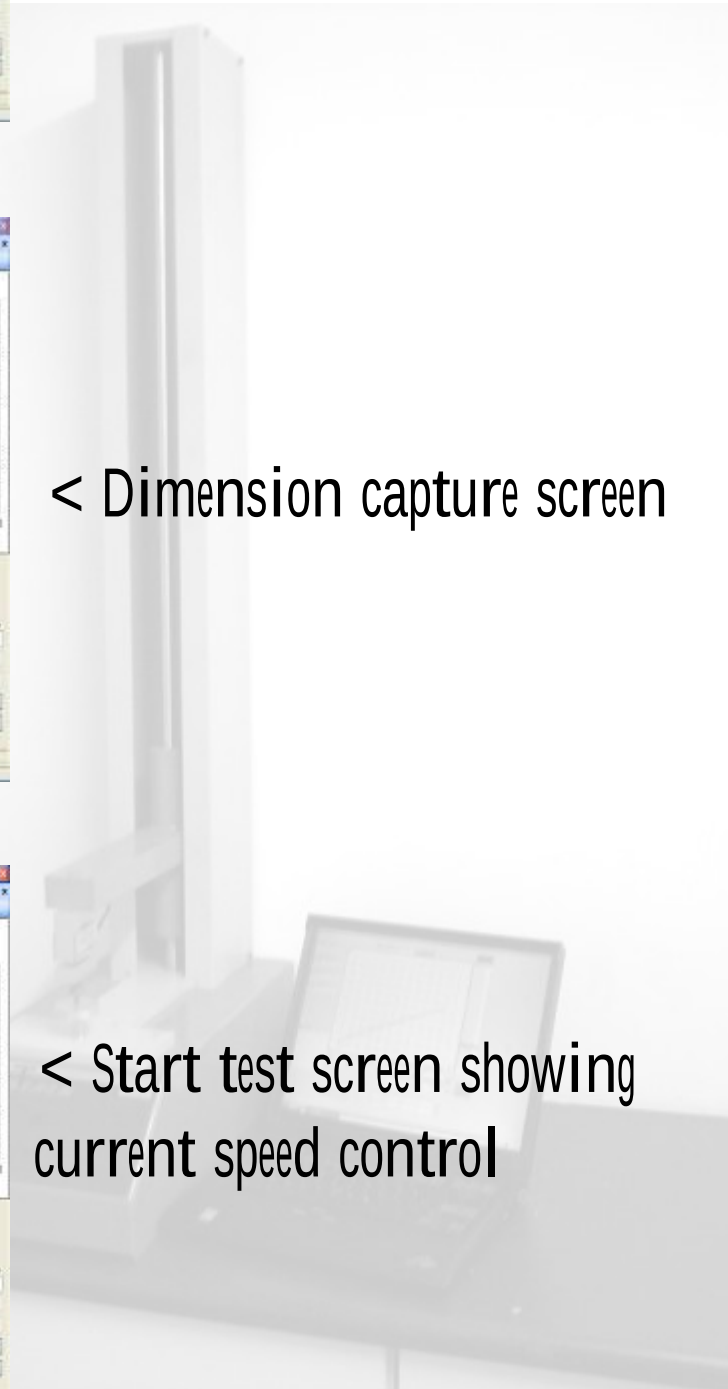


Mat-Test Testing system a Second generation materials testing system for electrohydraulic and electromechanical testing machines. The system can also be used independently with single/multiple transducers as a data capture system.

Mat-Test Testing system offers affordable retrofit to any new or old materials testing frame regardless of manufacturer, model, capacity or application.

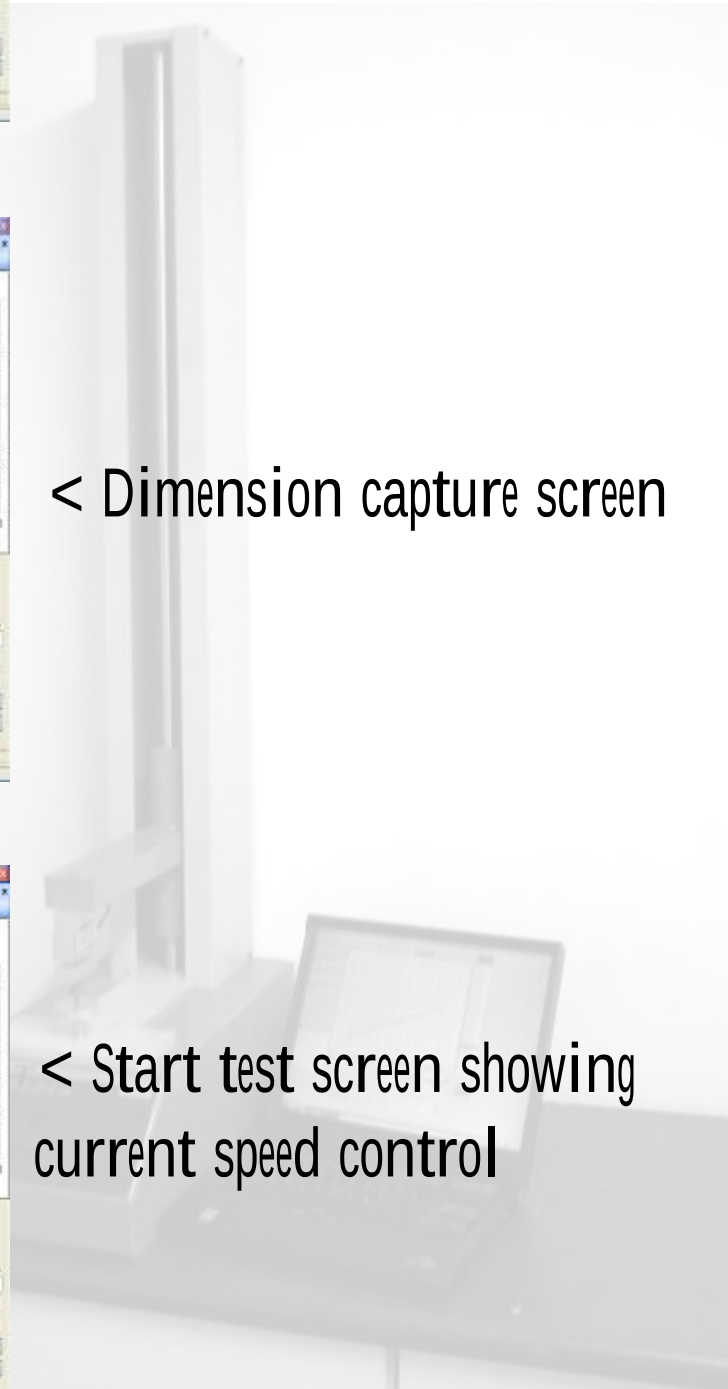
The system includes 8 analogue input channels for 0-5vdc; 0-10vdc and 0-20vdc transducers. The sample rate is capable of 49khz and has 2 analogue output channels used for servo / motor control. 8 digital input and 8 digital output channels control direction and *fast test* digital switch inputs for automatic testing. Optical encoders are captured by a single counter channel that can accommodate 5vdc excitation optical encoders or 24vdc excitation optical encoders.



A background image showing a 3D printer on the left and a laptop on the right. The laptop screen displays a software interface with various graphs and data points, likely related to the 3D printing process. The text is overlaid on this image.

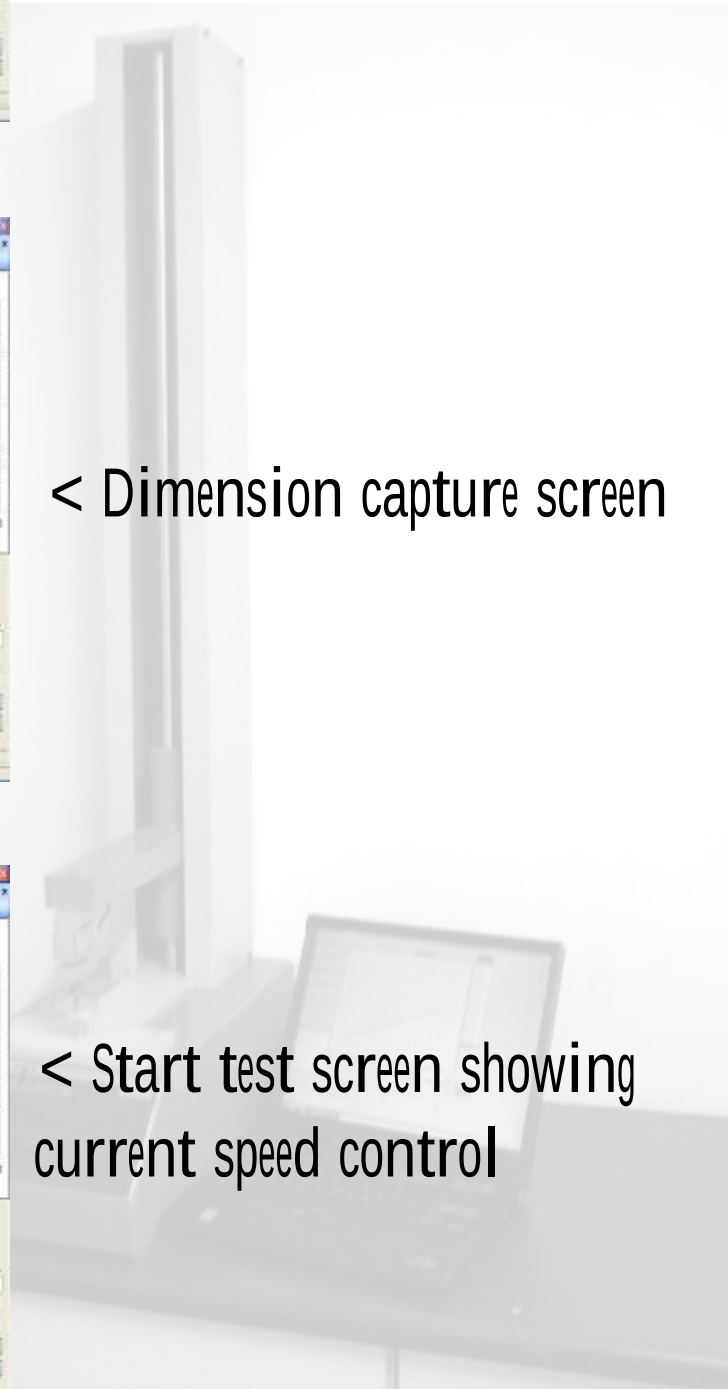
< Dimension capture screen

< Start test screen showing current speed control

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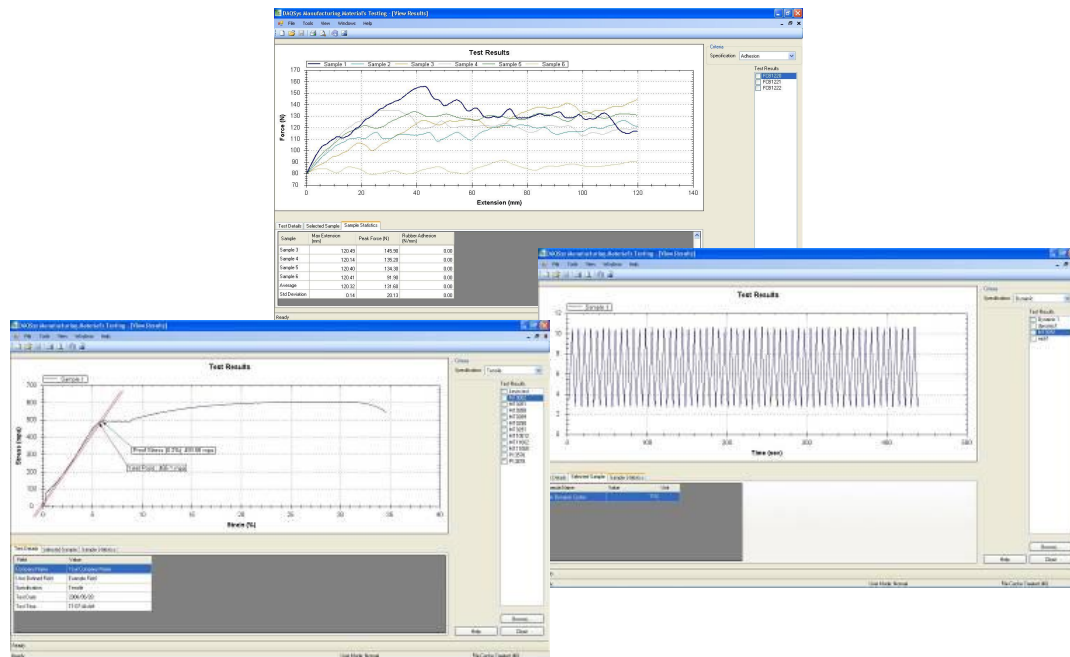
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Mat-Test Testing system has been incorporated on systems including Multiple sample testing, Dynamic cycle testing and Metallurgical testing showing “proof stress” and “yield point” arrows



Mat-Test Testing system provides easy to read printable test reports including company logo, Results and any addition customer or sample information that is required.

Service and Training

Mat-Test Testing system can be purchased in a DIY kit or on-site installation. Completion of the Retrofit / application evaluation form is essential. With the purchase of every testing system you will receive

- Free telephone support
- Email support
- Warranty

