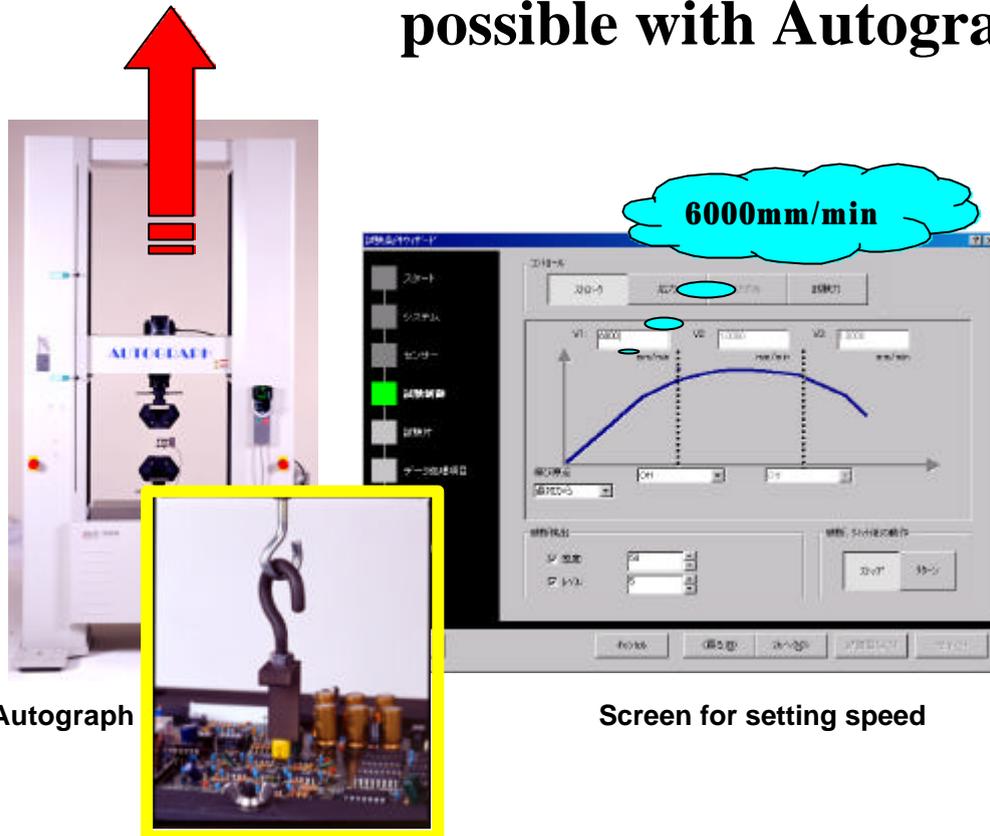


Custom Products Information No.1

6000mm/min high-speed tensile testing is possible with Autograph



Autograph

Screen for setting speed

A system for rapid tensile testing of printed circuit board parts

Features

In response to requests for faster testing, we've developed a high-speed model. 6000 mm/min high-speed tensile testing is possible. (1000 mm/min with the standard model.)

The testing machine frame is very rigid. (300 kN/mm with the AG-100kN IS)

Includes a safety stop mechanism (limits are set both mechanically and via software).

Specimens

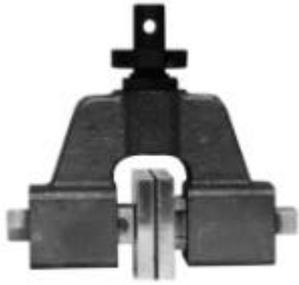
PET bottle film tensile testing, resins tensile testing, electronic part pull testing, peeling tests of carrier tape and adhesive tape, etc.

Specifications

Load Capacity	1N-250kN (19 models are available, corresponding to capacity requirements.)
Max. Testing Rate	1000, 2000, 3000 or 6000 mm/min (4 models are available for different speed requirements.)
Software (Windows XP)	All parameters can be set from the computer, such as testing rate, stopping parameters and data processing parameters. Test results can be printed in report format or saved as a file. There are plenty of ways provided for processing your valuable test results, such as enlarging or reducing graphs, recalculating, and CSV or PDF output. There are more than 50 choices for processing data, such as maximum test force, break point displacement, intermediate test forces (5 points), intermediate displacement (5 points), elastic modulus and energy.

Jigs for High-Speed Tensile Testing

The following three jigs are recommended for high-speed tensile testing. Select the one that's best for your application.

Screw type flat grips	Non-shift wedge type grips	Pneumatic flat grips
Small capacity, easy to handle	Big capacity, secure grip	Small capacity, rapid testing
50N,1kN,5kN	20kN,50kN,100kN,250kN	50N,1kN,5kN
		

- * For samples that cannot be gripped with the grips above (such as thread), please ask about our specialized grips.
- * We can also make systems that can test at a rate faster than 6000 mm/min.
- * We also have an extended column series that provides a longer tensile stroke. The tensile stroke of the AG-100kN IS is 760 mm when using the non-shift wedge type grips, but the test space can be expanded by +250 mm, +500 mm or +750 mm by extending the column.
- * For high-speed compression or bending test machines, please contact your Shimadzu representatives.



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