

# SANXO-systems

Finnish-Hungarian Measurement and Automation Ltd.

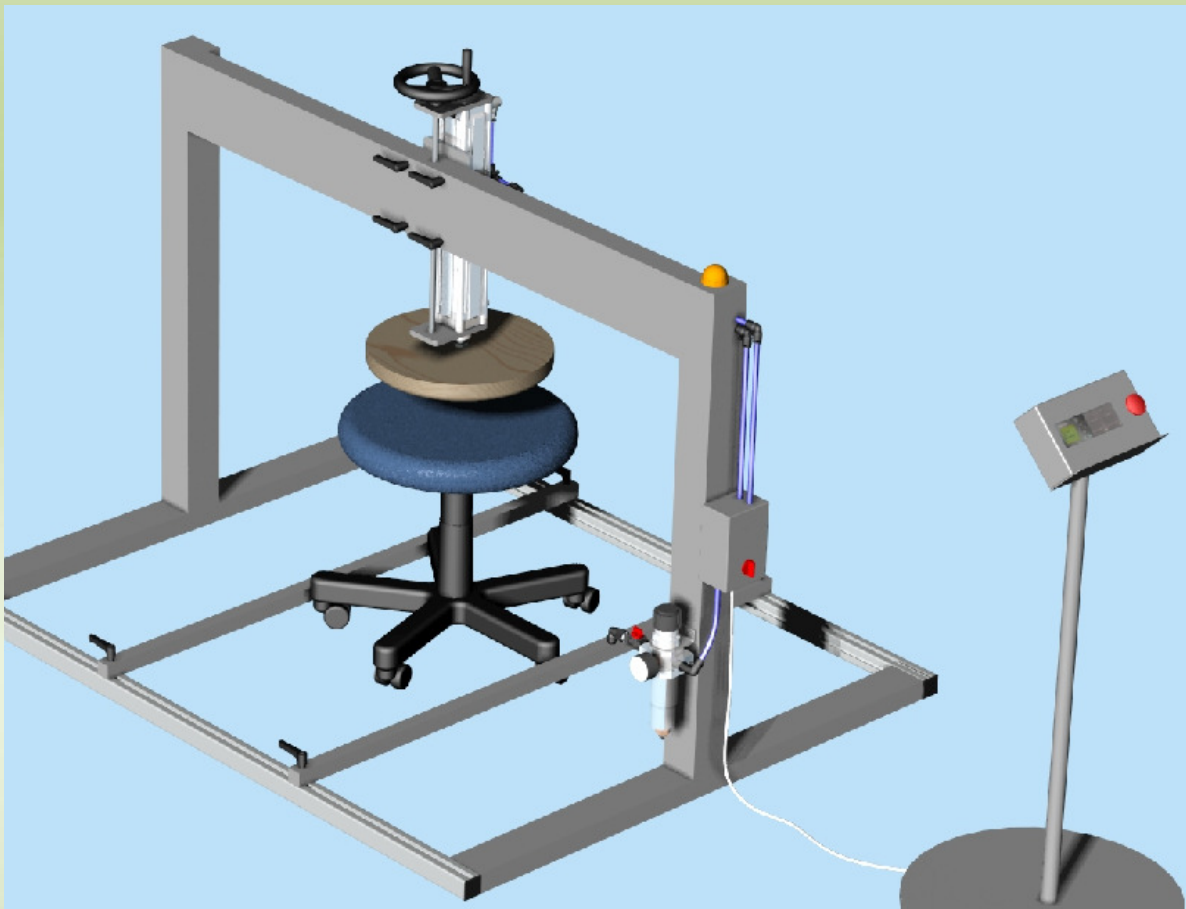
## Quality Control and Inspection



**SANXO** provides intelligent quality control, testing and measuring systems as well as advanced instrument and component solutions for the research, production and after sales needs of telecommunication and electronics plastic, metal and paper industry and for other production industries.

## SANSEAT-V Durability Tester

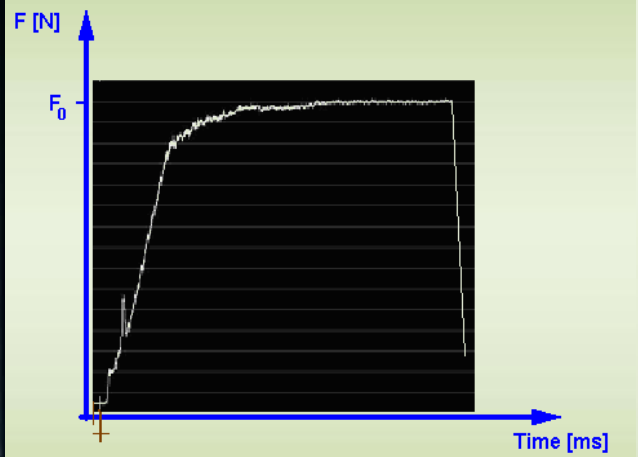
The **SANSEAT-V** tester is a product family for checking durability of chairs, sofas and other furniture. It is very robust, durable and easy to use. The **SANSEAT-V** product family was designed to follow the test methods specified in the *prEN 1335-3 European Standard*.



SANSEAT-V2a type Tester

It is very easy to set up the tester. The user easily can define:

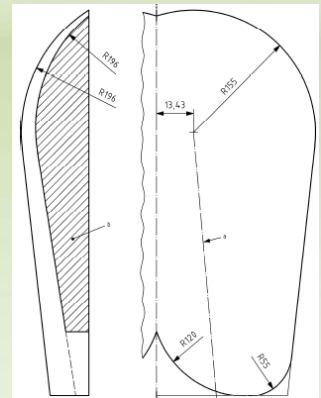
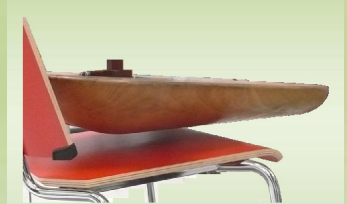
- the applied force (up to 2000N)
- the duration of the applied force (in milliseconds)
- the time in-between two cycles – “resting” (in milliseconds)
- the high and low limitation of the back and forth movement of the actuator (in millimeter) (the lower limit is used for breakage detection of the chair)
- the number of planned test cycles



The control system of the SANSEAT-V saves the counter values of the cycles even there is an unexpected electrical shutdown. In case the product under test brakes during the test cycles and the actuator makes a longer movement over the defined limit the test immediately stops and the alarm lamp starts to blink. At the same time the user is informed about the reason of the terminated testing on the user interface. The graph above shows one typical cycle of testing regarding the applied force over time. The actuator rapidly reaches the desired force and there is no overshooting. It's accuracy is outstandingly good, 1% of the maximum force.

Numerous optional parts makes the system very flexible, usable and cost effective in the same time.

- different seat loading pads
- optional back rest testing module
- faster or slower contacting force settings for the control module
- IR security light curtain around the tester
- ticket printer for report printing



For more information visit the website: [www.sanxo.hu/SANSEAT](http://www.sanxo.hu/SANSEAT)

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