

Product Information

2/22/2008

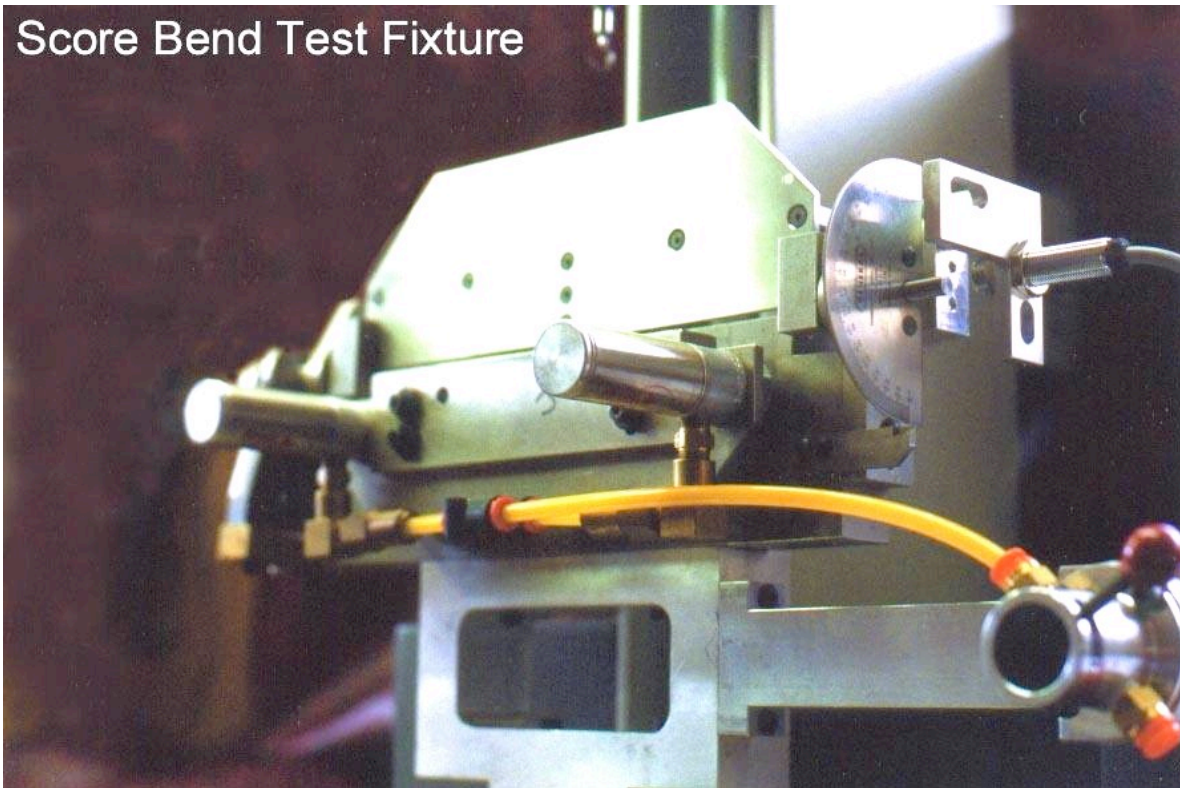
By: KRD

Score Bend Test Fixture

The SAM score bend test fixture is designed to operate with most vertical force test stands. It is sold as a fixture or complete with tester. This test fixture is designed to meet 90° bend tests for fiber board materials and plastics. It uses low friction bearings and non contact stop switch so that the most accurate readings possible are made. Pneumatic clamping of the test material is standard and is controlled with the hand operated switch or optional foot switch.

As a complete system, the SAM score bend test system is available in basic, intermediate, high performance levels.

Score Bend Test Fixture

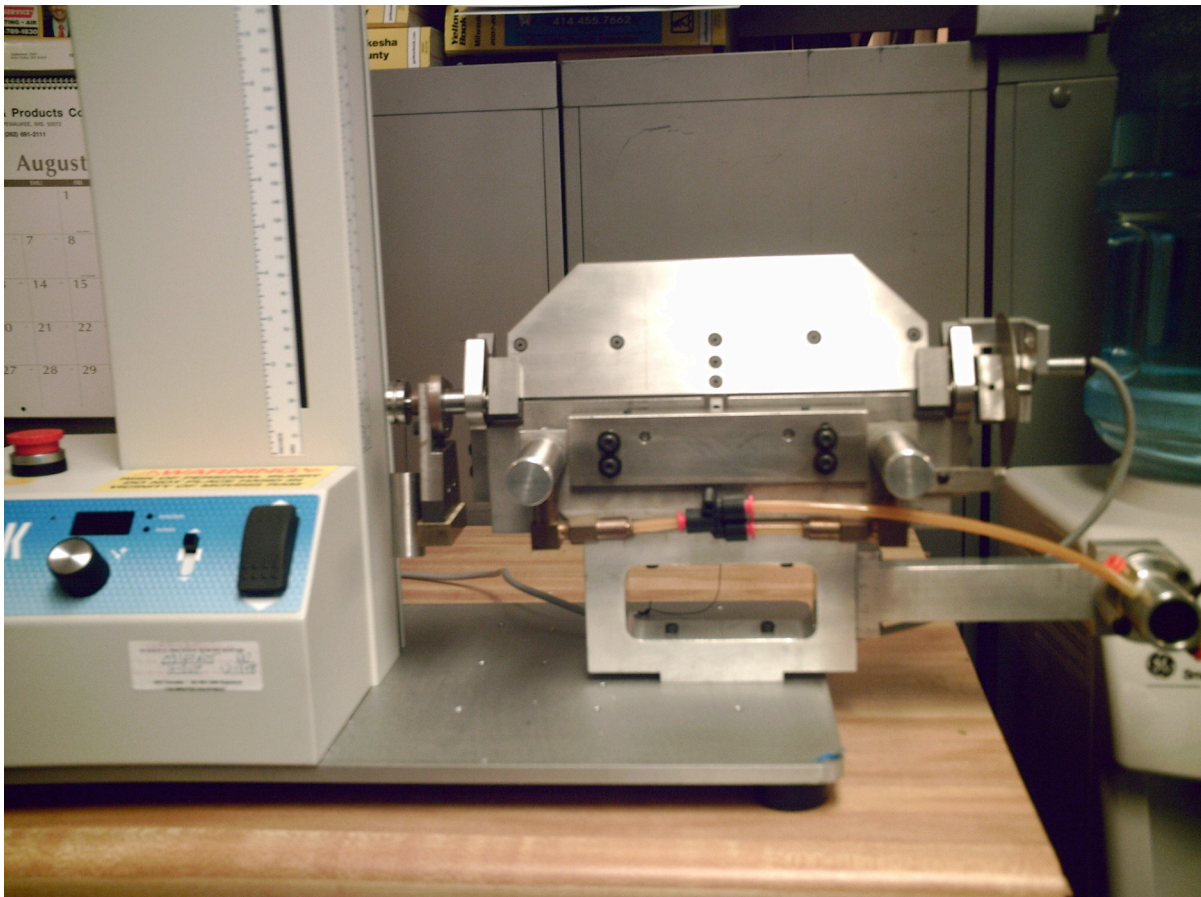


Score Bend Test Fixture

Product Information

Basic Score Bend Test System

The basic level score bend test system utilizes a basic test stand and gage. Operation is simple and the test is run in the direction the run button is held. When the button is released the test will stop. The test also stops when a 90° bend has been reached. Return to the start position is accomplished by holding the run button down in the opposite direction until the return stop has been reached. The speed can be adjusted to suit the application or to meet test procedures. The gage used has no RS-232 output for automatic data logging, however, can be added as an upgrade option.



Basic Score Bend Test System

Product Information

Intermediate Score Bend Test System

The intermediate score bend test system is a gage base system and adds automation to the test sequence. With this system the test can be run in two modes. One mode is manual where the operator must hold the run switch closed like in the basic score bend test system. The other mode is single cycle where the test is run to 90° and then returns to the start position, 0°. This system also includes a RS-232 data port for electronic transmission of results to pc's and is also configurable for Mitutoyo data collectors requiring BCD output.



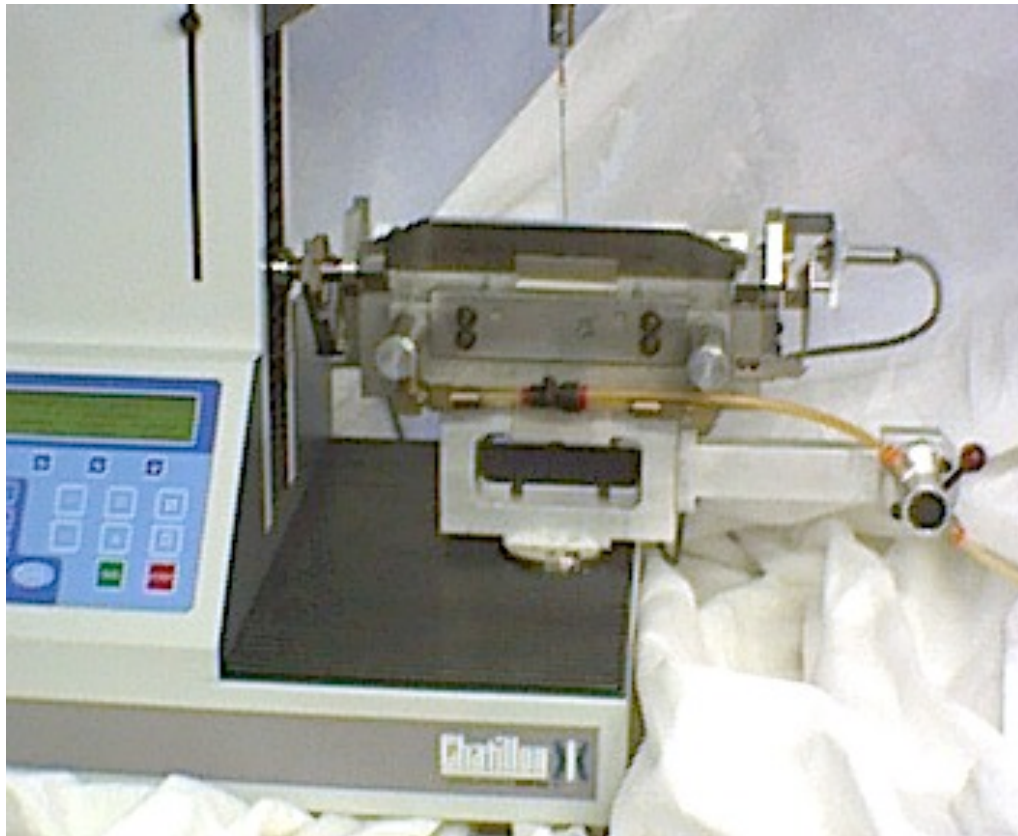
Intermediate Score Bend Test System

Shown mounted on TCM 201. MultiTest 1 and LTCM100CC test stands may also be used.

Product Information

High Performance Score Bend Test System

The high performance score bend test system is a load cell based test system. This test system is programmed to your specific requirements and can store multiple test procedures and results. A jog function is available to provide easy set up of the tester if the fixture is removed or the operating string is replaced. The system includes an RS-232 data port for sending results to a pc. There is optional data plotting software available for analysis of the bend force throughout the 90° bend.



High Performance Score Bend Test System

Shown with LFplus. MultiTest 1x and MultiTest 1i may also be used.

Whatever score bend test needs are, we have a solution. We provide sales, calibration, and repair service for all of the equipment we sell and manufacture. Contact us for more information.