

Series : SC-2100

SAMPLE MAKER



Model SC-2110

Outline

Accurate production of test pieces is extremely important for improving the reliability and reproducibility of test data. This machine precisely processes various plastic test pieces by machine cutting.

The sample is sandwiched between two metal plates of the same shape as the test piece to be manufactured, and the two rotary cutters move along the outer circumference of the metal plate to cut.

Available for almost all shapes of JIS K6911 (Testing methods for thermosetting plastics) bending, compression, Charpy, Izod, deflection temperature under load, JIS K7161, 7162 (Plastics -- Determination of tensile properties) dumbbell test pieces, etc.

Features

- The speed of the rotary cutter, sample feed rate and number of repeated cuttings can be adjusted.
- Sample feed distance can be selected according to the length of the test piece, saving the processing time.
- A vacuum cleaner can be connected for easy cleaning of cutting dust.
- Almost all major plastic test pieces can be made with this machine.
- The metal templates can be replaced with a single touch.

Specifications

MODEL	SC-2110	SC-2120
Cutter Dimensions	22 mm (outer dia.), 8 mm (inner dia.), 10 or 13 mm (thickness)	
Cutter Rpm	200 to 760 rpm (Digital setting and display)	
Applicable Test Piece Size	250 mm max. length, 6 to 30 mm width, 6 to 13 mm thickness	
Sample Feed Speed	Approx. 50 to 200 mm / 30 sec. (stepless setting)	
Repeated Cuttings	1 to 9 times	
Sample Feed Stroke	Selectable from 100, 150, 200 and 250mm	
Power Supply Required	100 VAC, 10 A, 50/60 Hz	
Outer Dimensions	400(W) x 650(D) x 600(H) mm	
Standard Accessories	A pair of cutters, cutter replacement tool, power supply cable	
Manual Sample Feed (with a handle)	No	Yes
Options	Molds (metal templates), vacuum cleaner, stand	



~ Simulate product testing in the lab ~

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