

Tool Name	Tool Type	Manufacturer	Web link	Modeling notation	Short description
AETG™	1	Telcordia™ Technologies	http://aetgweb.arggreenhouse.com/	Model of input data domain	The AETG™ Web Service generates pairwise test cases.
Case Maker®	1	Diaz & Hilterscheid Unternehmensberatung GmbH	www.casemakerinternational.com	Model of input data domain	CaseMaker uses the Pairwise method to compute test cases from input parameter domain specifications and constraints specified by business rules.
Conformiq Test Generator™	3	Conformiq	www.conformiq.com	UML Statecharts	In Conformiq Test Generator™, UML statecharts constitute a high-level graphical test script. Conformiq Test Generator™ is capable of selecting from the statechart models a large amount of test case variants and of executing them against tested systems.
CTesK, JTesK	3	UniTESK	www.unitesk.com	Pre-Post extensions of programming languages	UniTESK technology is a technology of software testing based on formal specifications. Specifications are written using specialized extensions of traditional programming languages. CTesK and JTesK can use a formal representation of requirements as a source of test development.
LEIRIOS Test Generator™ - LTG/B	3	LEIRIOS Technologies	www.leirios.com	B notation	LTG/B generates test cases and executable test scripts from a B model. It supports requirements traceability.
LEIRIOS Test Generator™ - LTG/UML	3	LEIRIOS Technologies	www.leirios.com	UML 2.0	LTG/UML generates test cases and executable test scripts from a UML 2.0 model. It supports requirements traceability.
MaTeLo	2	All4Tec	www.all4tec.net	Model usage editor using Markov chain	MaTeLo is based on Statistical Usage Testing and generates test cases from a usage model of the system under test.
Qtronic™	3	Conformiq	www.conformiq.com		Qtronic derives tests from a design model of the system under test. This tool supports multi-threaded and concurrent models, timing constraints, and testing of nondeterministic systems.

Rave™	3	T-VEC	www.t-vec.com	Tabular notation	Rave generates test cases from a tabular model. The test cases are then transformed into test drivers.
Reactis®	3	Reactive System	www.reactive-systems.com	Mathlab Simulink® Stateflow®	Reactis generates tests from Simulink and Stateflow models. This tool targets embedded control software.
SmartTest	1	Smartware Technologies	http://www.smartwaretechnologies.com/smarttestprod.htm	Model of input data domain	The SmartTest test case generation engine uses pairwise techniques.
Statemate™ Automatic Test Generator™ / Rhapsody® Automatic Test Generator™ (ATG)	3	I-Logix	www.llogix.com	Statemate™ Statcharts and UML State Machine	ATG is a module of Telelogic(I-Logix) Statemate and Rhapsody products. It allows test case generation from a statechart model of the System.
TAU Tester	4	Telelogic	www.telelogic.com/products/tau/tester/index.cfm	TTCN-3	An integrated test development and execution environment for TTCN-3 tests
Test Cover	1	Testcover.com	www.testcover.com	Model of input data domain	The Testcover.com Web Service generates test cases from a model of domain requirements. It uses pairwise techniques.
T-Vec Tester for Simulink® - T-VEC Tester for MATRIXx®	3	T-Vec	www.t-vec.com	Simulink® and MATRIXx®	Generates test vectors and test sequences, verifying them in autogenerated code and in the modeling tool simulator.
ZigmaTEST Tools	3	ATS	http://www.atssoft.com/products/testingtool.htm	Finite State Machine	ZigmaTEST uses an FSM-based test engine that can generate a test sequence to cover state machine transitions.

**Legend for Tool Type
Column:**

Category 1: Generation of Test Input Data from a Domain Model
Category 2: Generation of Test Cases from a Model of the Environment
Category 3: Generation of Test Cases with Oracles from a Behavioral Model
Category 4: Generation of Test Scripts from Abstract Tests