ATE & TEST SOLUTIONS

IC TEST
SYSTEMS

SEMICONDUCTOR
TEST SYSTEMS

RELAY
TEST SYSTEMS

DESIGN
MANUFACTURING
SUPPORT SERVICE

Established in 1992, FORM Co. Ltd. specializes in the design and manufacturing of Automatic Test Equipment (ATE) for IC, semiconductor, relay and circuit board testing. Since its founding, FORM has steadily progressed in ATE and measurement technologies, and has become the major test systems and services supplier in the domestic Russian market.

94 companies in Russia use our equipment and test solutions in product and qualification testing, R&D, quality process analysis and incoming inspection. We are focused on the development and continuous improvement of test systems and services to meet your specific requirements and expectations. Our mission is to help our customers refine the quality of their products.

Logic
Memory
Semiconductors
Relays
Circuit boards

Test Systems

FOR FORMULA OWNERS

FORM produces the FORMULA product line, consisting of 5 models of test systems for a wide range of electronic components:

FORMULA HF ULTRA

550 MHz/1024 pins/128M/
1200 MSpS/24 bit.
for VLSI and memories, DAC/ADC

FORMULA HF3-3/512

200 MHz/256 pins/64M
for VLSI and memories

FORMULA 2K

20 MHz/256 pins/1M
for low and medium
integrated digital
and analog ICs

FORMULA TT3

2000 V/100 A/4x20 commutator
for JUGFETs,
IGBTs, FETs, thyristors,
diodes and optocouplers

FORMULA R

750 V/8 coils/12 contact groups
for electromagnetic DC relays

Additional information about FORM can be found at **www.form.ru**

ATE FORMULA is a product line created using our knowledge of electronic components and our 20 years of experience in design and testing.

Through proper design, verification, manufacturing, qualification, and in-process and final production testing, we seek to provide high-quality ATE & test solutions to benefit our clients. Proven accuracy and functionality, excellent reliability, simple operation and maintenance, and full compliance with metrology requirements, are the 5 reasons to choose ATE FORMULA.

Moreover, all Test Systems are compact and low-weight and do not require additional floor area.

Each FORMULA product is equipped with time-saving application software based on the Microsoft operating system. The software has been developed to deliver our clients a powerful suite of advanced tools for test development, debugging, execution, characterization, production and data analysis, tester management and maintenance. Our software provides immediate clarity as to the required approach and actions, and allows users maximum ease of programming without loss of flexibility.

An automatic diagnostic system and System Inspector tool are integral parts of each Test System. They provide constant access to full information on the status of your ATE. On request, we equip our FORMULA products with calibration systems, including corresponding metrological kits and software. In all other cases, we offer our annual metrological service.

FORM produces its Test Systems at our own production facilities in Moscow and provides customer support and service throughout the entire life cycle of the equipment. Our customers are manufacturers of components and devices, R&D centers and product certification laboratories.

Each Test System has a metrological status confirmed by a current Pattern Approval Certificate for measuring instruments with approved metrological characteristics and is included in the Russian Federation State Register of measuring instruments.

As certified measuring instruments, FORMULA Test Systems are annually calibrated to ensure correct metrology values. FORM conducts primary calibration in its own certified calibration laboratory. To assure the absolute accuracy of measurements, calibration is traceable by the Russian Federal Agency on Technical Regulating and Metrology.

In addition to on-time delivery of tested and calibrated products, fast turnaround and proven results, we offer customers application support including technical support, personnel training and custom test solutions developed according to the client's specific needs.

We feel responsible for the results achieved by the clients who use our Test Systems to improve the quality of their products. We are always ready to assist them in minimizing the risk of releasing defective components.

We produce our ATE with care and constant vigilance to guarantee that your components are always comprehensively checked and conform to use requirements.