CORE 360™
ATE PLATFORM

FOUNDATION ATE RACK

Deploy ATE Systems faster with standardized rack infrastructure.

Zero NRE. Configured-to-order. Built-from-stock. Ships in days, not months.

Test System Solutions®

FOR TEST ENGINEERING TEAMS
Stop reinventing the rack.

WHAT'S IN THE RACK

Skip the rack engineering. Keep the test engineering.

6–8 weeks faster. Every ATE program.

1. Andon light stack
2. Power ON/OFF switch and EPO
3. Fan-forced ventilation
4. Adjustable instrument support brackets
5. Integrated monitor
6. Side-mount monitor
7. Pullout service tray
8. Mass Interconnect system
9. Housekeeping DAQ, power and control
10. Worksurface
11. Keyboard and mouse drawer
12. Uninterruptible Power Supply (UPS)
13. Industrial test system PC
14. Air-Intake panel with filter
15. Vertical power strips
16. Power Distribution Unit (PDU)
17. Anti-tip module
18. Wire and cable raceways

Typical schedule savings based on elimination of custom rack architecture design, documentation generation, procurement coordination, and infrastructure integration activities.

CONFIGURATIONS

40U or 20U. Same architecture.

40U *78 in H x 23 in W x 36 in D*

20U *41 in H x 23 in W x 36 in D*

SELECT AT ORDER TIME

Rack Size	40U or 20U.
PDU Class	Single-phase 120 VAC, 20 A; or three-phase 120/208 VAC, 30 A.
UPS Capacity	750 VA, 1,000 VA, 1,500 VA, 2,200 VA, or 3,000 VA.
Industrial PC	Standard, Enhanced or High-performance.
HMI/Monitor	40U: integrated and/or side-mount; 20U: top-mount.
Test Interface	Mass Interconnect System, VPC receiver frame S6, G12 or 9025

Build vs. Buy

Test engineers create value by selecting test equipment, designing fixtures, and developing test automation software that makes a test system work. Building ATE rack infrastructure in-house diverts your test team into rack engineering instead of focusing on test engineering.

The CORE 360 Foundation ATE Rack provides that infrastructure as a configured, verified COTS product from one vendor on a single purchase order. With delivery in days rather than weeks or months, the team can start with a standardized foundation rack and focus on test engineering.

WHY TEST ENGINEERS CHOOSE OUR FOUNDATION RACK

- Zero NRE
- Standardized Documentation
- Short Lead Time
- Open Architecture

YOUR ATE INFRASTRUCTURE

Two ways to build ATE systems.

Dimension	Build the rack in house	Buy the Foundation Rack
Schedule	Rack design, procurement, and infrastructure integration add time to the program.	Foundation ATE Rack ships in days, not months.
Engineering effort	Your engineers design and integrate the rack infrastructure.	A configured, verified rack lets your engineers focus on the test application.
Architecture	Rack infrastructure is defined again for each program.	A common, configurable foundation supports different test applications.
Documentation	Your team gets diverted from test engineering to write rack documentation	Mechanical and electrical documentation, a bill of materials, and the configuration record are available for download with each rack order.

PROVEN IN THE FIELD

One foundation. Different test applications.

CORE 360 FOUNDATION

RF test system

Analog test system

Mixed-signal test system

4 BENEFITS ACROSS TEST AUTOMATION PROGRAMS

Reduce Schedule Risk	Reduce Engineering Overhead	Reduce Procurement Overhead	Reduce Program Variation

CORE 360™
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Foundation ATE Rack

We've done the rack engineering. Your team can focus on the test engineering.

INDUSTRIES WE SERVE

- Aerospace & Defense
- Robotics
- SATCOM
- Medical Device
- Telecom

OEM AND DISTRIBUTION PARTNERS

KEYSIGHT TECHNOLOGIES
EMERSON | ni
ROHDE&SCHWARZ
testforce

Let's configure your Foundation ATE Rack.

Contact us for a complimentary configuration consultation and quote.

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ITAR Compliant International Traffic in Arms Regulations
ISO 9001:2015 COMPLIANT
AS 9100 COMPLIANT