



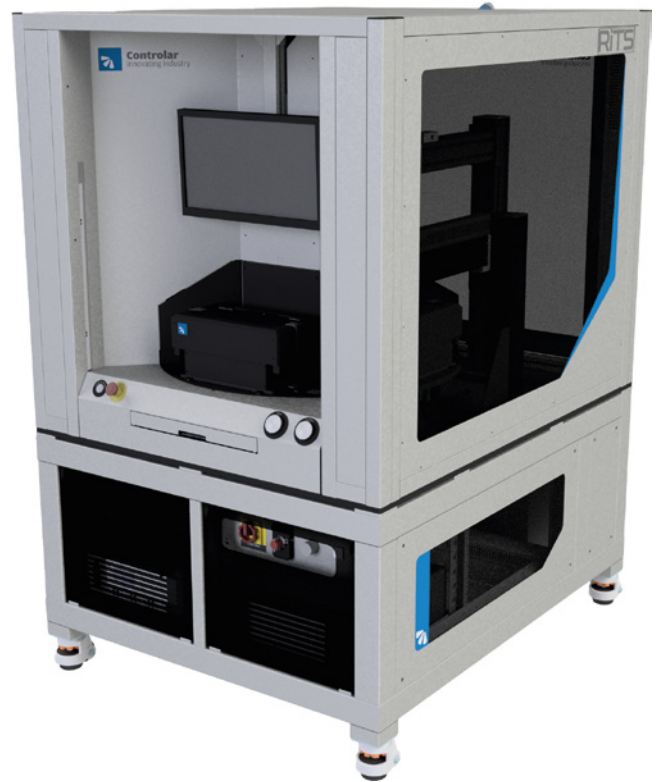
Rotational Simultaneous Test System

Highly flexible and versatile, adapts to various testing needs

Capable of conducting multiple tests simultaneously

Enhances production efficiency with reduced cycle times

Delivering cost-efficient, reliable measurements



PRODUCT DESCRIPTION

Designed to meet the exact demands of the automotive industry, this semi-automatic End-of-Line Test Machine features a dynamic rotative plate with 4 positions, offering extensive versatility for a wide range of tests. From luminance testing and visual product inspections (e.g., display and telltales), to haptics, sound testing and subjective cosmetic validations (including scratch and structural defect assessments), **RiTS - Rotational Simultaneous Test System** ensures thorough testing of critical automotive components optimizing production time, improving workflow, and maximizing machine availability.

KEY FEATURES

/ Multifunctionality granted by its extensive versatility for a wide range of tests

/ Rotating plate enabling simultaneous testing in up to four positions, thus reducing cycle times

/ Optimization granted by the ability to perform power, communication and electrical tests simultaneously in all positions

/ Reliable operation ensured by a slip ring that guarantees uninterrupted connectivity even during rotation

/ Capability of accommodating various types of measurement equipment such as multimeters, programmable power supplies, RF generators, or analyzers

/ Capability of supporting multiple interface types, including BroadR-Reach, CAN, LIN, RF, USB, and more.

PRODUCT CONFIGURATION

This comprehensive test solution comprises:

- 1 /** Loading: semi-automatic or automatic
- 2 /** Rotative plate: featuring four dynamic test positions
- 3 /** Slip ring: transmits power and electrical signals from stationary to rotating components
- 4 /** User-friendly software: equipped with a customizable UGUI for easy operation
- 5 /** Interchangeable fixtures: enabling the same machine to test various products simply by changing the fixtures
- 6 /** Configurable modules: camera, haptic test points, sound analyzers, etc..

Additionally, RiTS can include modules such as a switch box that facilitates circuit routing as needed.

MAIN APPLICATIONS

Developed to meet the stringent standards of the automotive industry, the **Rotational Simultaneous Test System** is a testing solution designed for the future, adaptable to the evolving needs of your DUT and offering extensive customization.

TECH SPECS

Dimensions (in mm)

1285 (w) x 1550 (l) x 2030 (h)

Power supply

/ Voltage: 220VAC

/ Frequency: 50-60Hz

/ Current: 20A

Measurements

Luminance, visual, sound, haptics, cosmetic inspections, DC/AC voltage, current consumption, frequency, power factor, power level, resistance, capacity, temperature, audio and RF characteristics (S/N ratio, THD & SINAD, etc.).

Communication protocol

/ BroadR-Reach™

/ CAN-FD

/ CAN-XL

/ FlexRay®

/ LIN® bus

Pneumatic requirements

6 bar

Auto diagnosis function

DUT emulator for machine conformance validation

Technical support

Ready for remote assistance with augmented reality

Mod. 239RITS.EN.D



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