



FEATURES

- Compact complete test rack
- USB interface
- Controllable power supply
- Expandable system

BENEFITS



Flexibility of configuration to suit the application



Solid design ensures years of reliable performance

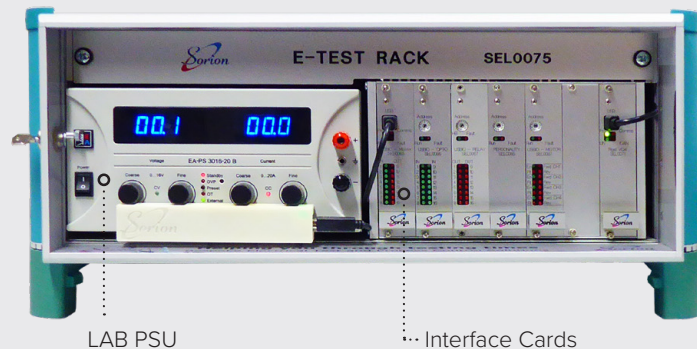


Full system traceability

APPLICATIONS

- Testing of components
- EOL testing of sub-assemblies
- EOL testing of complete products
- Quality assurance

Sorion has many years' experience in deploying electrical test systems used in the end-of-line testing of vehicle sub-assemblies, with hundreds of systems in use around the world.



The current system is the third generation of Sorion test racks with significantly increased flexibility, reliability and performance.

- Compact 19" 4U rugged test rack
- Single USB interface to Sextans test PC
- **Interchangeable interface cards** allow configuration to suit the application
- Standard rack provides 8 analogue inputs, 8 digital inputs and 8 digital outputs
- 5 slots providing 80 I/O Points
- System supports up to 15 interface cards across multiple racks
- **Fully controllable power supply** giving full feedback of current draw and voltage: 16 / 32 / 64 Volts; 5 / 10 / 20 / 40 Amps
- Industry standard Harting rear panel connectors for interfacing
- System is **expandable to slave racks** configured with a selection of I/O cards



CARDS

SEL0065 Rack Master Card - 8 analogue inputs, 8 digital inputs and 8 digital outputs. Airbag and low current measurement.

SEL0066 Opto Isolated Digital input – 16 inputs

SEL0067 Relay Output - 16 outputs at 6 Amps

SEL0076 High Side Driver Output – 16 outputs at 6 Amps

SEL0057 High Speed Analogue Input – 8 inputs 12 / 16 bits

SEL0071 Vehicle Communications - 4 CAN and 4 LIN points

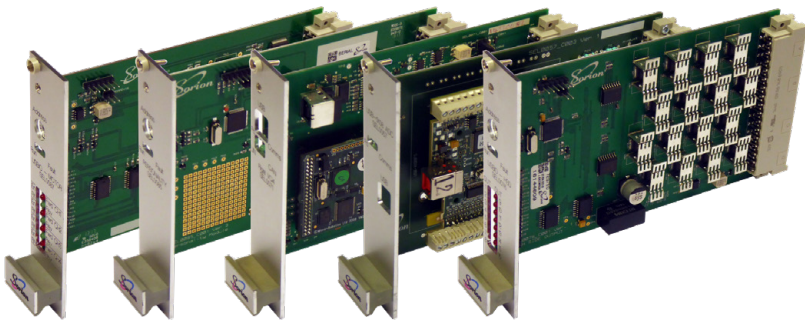
SEL0079 Servo Motor Controller – 4 channels

SEL0085 Personality Module - Low Current, Hall, Configuration

SEL0087 Quad Motor Controller - 15 Amps with Hall Feedback

SEL0089.1 Single Channel Motor Controller - High Current

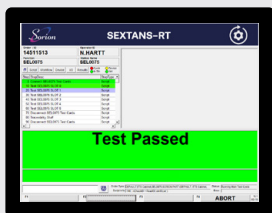
SEL0093 4 Channel Airbag Measurement



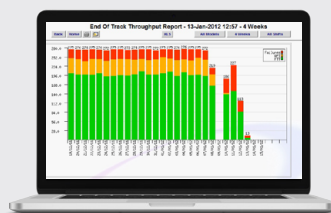
INTEGRATION

The test process is fully controlled by Sextans-RT software with all results being forwarded to an Orion™ database to provide traceability of all processes.

Data is seamlessly transferred to our traceability database Orion™ to provide **quality assurance and performance statistics** geared to manufacturing requirements.

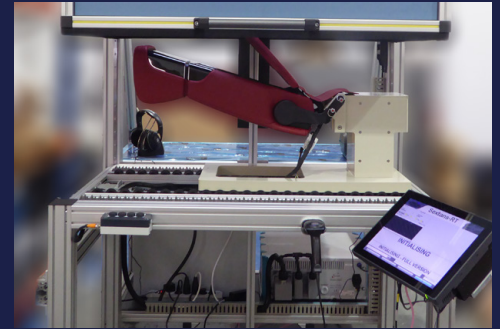


Sextans-RT



Orion™

THE SORION SOLUTION



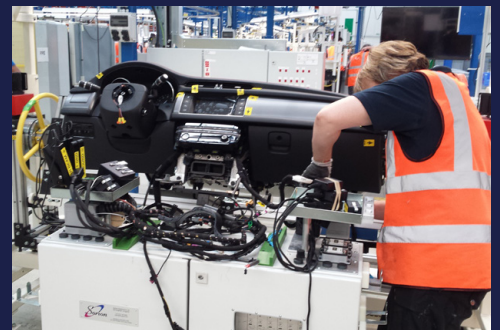
Rear armrest test system



Automotive seat electrical test



Force Application Machines



Cockpit e-test



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