



Winner of the
productronica
innovation award 2017

Cluster Future Markets – Acculogic GmbH



Battery Array Tester

With the patented Battery Array Tester, a method has been developed to test the connections of several batteries that are connected with their battery electrodes to busbars in a battery module electrically and parallel.

With the upcoming significant increase in the demand for batteries, for example for electric cars, mobile energy storage, solar power and energy efficient houses, we are consequently preparing the way for large-scale and fast battery connection tests.

The system can test up to 1,000 individual cells in less than a minute, including the time required for data import and export as well as register mark detection.

Acculogic's new tester is composed of a versatile robotics

system with inspection, testing and measurement capabilities and enables a variety of applications.

The rotor can be equipped with multi-pin probing modules for electronic tests, a camera for visual inspection, a laser for distance and co-planarity verification, user-defined modules and a mixture of flying fixtures and probes with variable angle.



Farouk Eshragi, Managing Director of Acculogic GmbH

"We are very happy with the recognition that our Battery Array Tester has received with the Productronica 2017 Innovation Award. We are proud that we can contribute with our system to developments in the field of electric mobility, but also solar energy, for example, for an emission-free future," Farouk Eshragi, Managing Director, stated

Acculogic GmbH:

Acculogic has developed, produced and sold a wide range of systems over the past 25 years for testing electronic devices and circuit boards. Our core competencies are in the field of robotics, image analysis and electronic measuring systems.

Our in-house R&D enables the continuous development of customized software and hardware solutions. This enables us to provide our customers with individual solutions for their individual test challenges in addition to standardized systems.

Acculogic operates globally with branches in Canada, the USA, Germany and Japan and has a worldwide distribution network.

Our large and loyal customer base comes from different industries, including the automotive, telecommunications, defense, medical and computer industries.

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