



ACUTRONIC Group – Company Profile

ACUTRONIC (www.acutronic.com) is the world leader in the development, design and manufacture of precision motion simulators for the aeronautics, space, defense, automotive and consumer industries. ACUTRONIC employs over 120 people and has offices in Bubikon and Olten, Switzerland and Pittsburgh (PA), USA.

Our Products

Products available range from small, one-axis simulators for the automotive industry, through three-axis simulators for flight motion profiling, to five-axis simulator systems for the defense industry. Motion simulators designed and produced by ACUTRONIC make it possible for the customer to accurately reproduce roll, pitch and yaw motion in the laboratory. To accurately reproduce the real environment, a temperature chamber is often a requirement. Thus, all motion sequences can be tested under the conditions that the unit under test is likely to experience in the real world. This helps significantly in accelerating the development phase for new products and lowers overall R & D costs.

Our Markets

As a niche provider, ACUTRONIC focuses on the motion simulator market and completely covers the main market areas of Europe, the USA and Asia. Integrating functional development with customer-specific engineering and design has made ACUTRONIC an industry leader with high customer orientation. ACUTRONIC operates worldwide. Our largest markets are in the aeronautics, space and defense industries, with the automotive and consumer sectors rapidly growing.

Our Customers

Customers of ACUTRONIC include companies like Boeing, Bosch, BAE Systems, Diehl, EADS, Honeywell, Lockheed Martin, DLR, MBDA, Mitsubishi Electric Company, Northrop Grumman, Raytheon and Sagem.

Our Experience

Together with the heritage of Fecker and Goerz Optical, ACUTRONIC has accumulated close to a century of experience in motion simulation technology. Over the last 50 years ACUTRONIC, CARCO Electronics (purchased by ACUTRONIC in 2005) and Contraves Goerz Corporation (purchased by CARCO in 1996) have delivered several thousand systems, of which 900 are still serviced by ACUTRONIC today. Almost 100% of all HWIL systems worldwide delivered over the last 50 years have been designed and built by ACUTRONIC and CARCO Electronics.

ACUTRONIC introduced the world's first digital real-time motion controller, the ACUTROL®2000, in the 1990's. To date, ACUTRONIC has delivered about 400 ACUTROL®2000 and 400 ACUTROL®3000 real-time digital motion controllers.



Facts & Figures

Founding and growth of the ACUTRONIC Group

- **1973:** ACUTRONIC AG founded in Rapperswil (Switzerland). Subsidiaries are established in England, France and Germany shortly thereafter.
- **1989:** ACUTRONIC USA founded in Pittsburgh. Launch of the ACUTROL®2000 Series, the first digital motion controller on the market.
- **1996:** ACUTRONIC acquired by Jung Technologies Holding AG in Cham (Switzerland). The Group restructures. Focus on core business (test equipment for the aviation and space industries) and consolidation of branch offices in Switzerland, Germany and the USA.
- **2000:** Successful entry into in the field of Flight Motion Simulators for end customers like Boeing, Thales, Diehl, MBDA, etc.
- **2003:** ACUTRONIC celebrates its 30-year anniversary. Revenues have more than tripled since 1996.
- **2004:** The ACUTROL®3000 is released: the most advanced digital motion controller on the market enters a second generation and becomes soon the de-facto industry standard.
- **2005:** ACUTRONIC USA Inc. acquires main competitor CARCO Electronics with locations in California and Pennsylvania, thereby establishing the ACUTRONIC Group as the dominant worldwide manufacturer in the motion simulator industry.
- **2009:** ACUTRONIC USA celebrates its 20-year anniversary.

Locations

- Switzerland, Bubikon (HQ) and Olten
- USA, Pittsburgh, Pennsylvania

Management ACUTRONIC Switzerland Ltd

Nick Wälli, CEO

Management ACUTRONIC USA Inc.

Dominique E. Schinabeck, CEO

Board of Directors ACUTRONIC Group

- Thomas W. Jung, Owner and President of the Board
- Jost Windlin, Attorney, Zwicky Windlin & Partner, Zug, Switzerland
- Dominique E Schinabeck, CEO ACUTRONIC USA, Pittsburgh, PA, USA
- Prof. Dr. Paolo Ermanni, ETH Zurich, Department of Mechanical and Process Engineering, Zurich, Switzerland
- Peter Huber, President, Meggitt Sensing Systems