

Corporate Members

Eaton Corporation

Eaton Corporation is a manufacturer of advanced-technology products for industry. These products are classed in two categories: vehicle components, and electrical and electronic systems and components. Eaton reaches an enormous clientele; the company maintains 150 facilities on 6 continents, employing 40,000 people.

Physical Measurements Section

The Physical Measurements Section of Eaton's Electronic Instrumentation Division manufactures products designed to measure and monitor strain, force, load and pressure. It is located in two facilities: the Strain Gage Transducer Unit and the Lebow Products Operation. The Strain Gage and Transducer Unit is housed in a 100,000 sq-ft facility near Marina Del Rey, CA. The Lebow Products Operation is situated in Troy, MI.

The Strain Gage and Transducer Unit products are aimed at measurements in adverse environments including temperatures from cryogenic to 1500°F, and corrosive media including nuclear radiation. These products consist of weldable and embedable strain-gage/cable assemblies, high-temperature pressure transducers and high-temperature load cells. The strain gages have a collective history of many millions of hours of reliable operation under adverse conditions, and have proven to be an industry-accepted standard for strain measurements under such conditions.

Lebow products are designed for the precise measurement of torque and tension/compression forces, with a wide selection of torque transducers and load cells available for fatigue as well as general-purpose use, along with associated electronics. These products have long been an industry trend setter, and manufactured to high standards supported by a unique customer-oriented product-quality-assurance program. The Troy operation maintains an extensive computer-controlled calibration facility with NBS traceability, capable of up to 1,500,000 lb-in. of torque and 600,000 lb of force.



PHOTO BY LENS-ART PHOTO

The Lebow Products Operation, situated in Troy, MI, occupies a 30,000 sq-ft building

Evolving Technology

Eaton recognizes the applications-oriented nature of its products and consequently maintains a staff of experienced sales and developmental

engineers for customer assistance and new-product R&D. The company's extensive product line, based on more than 30 years of experience, assures each client proper selection of the strain-gage/cable system or transducer.

100 lbf
150 g
100 ips
3/4 in. PP
10% THD
\$3,805*

Most good 100 pound peak sine force vibration systems cost over \$8,000. This one costs only \$3,805* including vibrator with trunnion and direct coupled solid state amplifier.

Write for specifications and price list on systems from 25 to 600 lbs. force.

*3,835
Less 6%
\$3,805*

*6% 20 Days
Net 30 Days

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VIBRATION TEST SYSTEMS

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