



OMEGADYNE

OMEGADYNE, INC. 149 STELZER COURT, SUNBURY, OHIO 43074

OMEGADYNE - T-Hydraulics - CEC
A Corporate History

Omegadyne is the combination of two companies with strong histories of building state-of-the-art pressure and force sensors to meet military and industrial needs, T-Hydraulics and CEC Pressure Products, combined with the engineering strength and product resources of the Omega family of companies.

T-Hydraulics was founded in 1981 as Thurman Hydraulics and then shorten its name to T-Hydraulics. It grew dramatically specializing in thick film sensors. In 1993 it built a new 20,000 square foot custom fabrication facility at its current location in Sunbury Ohio

CEC was founded in 1937 as the research arm of United Geophysical Company. CEC has a rich history in technological advances of process measurement sensors and instrumentation including cooperation with the U.S. Army Air Force to develop instrumentation for early flight tests for which CEC earned three Army/Navy "E" Awards. In 1960, CEC was acquired by the Bell & Howell Company. Technological advancements continued in many areas including the introduction of the sputtered thin-film strain gage pressure transducers and development of the diffused semiconductor pressure sensing element. CEC remained a subsidiary of Bell & Howell until 1983 when Transamerica Delaval acquired CEC Instruments.

In 1994 CEC Instruments was split into two companies, CEC Pressure Products and CEC Vibration Products. The Pressure Products group was purchased by T-Hydraulics, a leading manufacture of strain based sensors located in Sunbury Ohio. T-Hydraulics then built an addition to its facility in Sunbury including three Class 100 Clean Rooms. The expansion was completed in late 1994 and CEC Instruments was relocated to the T-Hydraulics facilities with its manufacturing equipment and senior personnel. The system was then inspected and approved by Lockheed Martin, Space Systems Division, in Sunnyvale, Chandler Evans in West Hartford, Sunstrand Aerospace in Rockford as well as many others. CEC was up and running as part of T-Hydraulics, manufacturing the same high quality CEC transducers, thin film and diffused semiconductor, that it was known for.

In 1995, T-Hydraulics became part of the Omega Engineering family of companies and changed its name to Omegadyne. Through this affiliation it has greatly expanded its manufacturing capabilities and can now offer customers a broader range of products ranging from pressure and force sensors to thermocouples and process measurement and control instrumentation. All the CEC pressure products and T-Hydraulics products are now available under the Omegadyne label.

Today, the Sunbury Ohio facility has expanded again to accommodate additional clean rooms and more production facilities. Its engineering and manufacturing capabilities continue to advance the technology in Diffused Semiconductor, Sputtered Thin Film, and Thick Film sensors for Pressure, Differential Pressure, Low Pressure, Load, Force, and Torque as well as full custom design capabilities. Omegadyne also continues the CEC tradition of close cooperation with our armed forces supplying custom designed and Mil-Spec qualified transducers for applications on land, sea, air and space. The most recent was collaboration with the Navy to produce a series of marine transducers to meet the stringent requirements of MIL-P-24212C(SH) plus a special request for a low pressure version meeting the same specifications. Omegadyne has also developed a full series of marine transducers to meet the new MIL-P-24742(SH) standard and ASTM F2070 when invoked.

Omegadyne and Omega Companies Cage Codes

OMEGADYNE INC: Cage - 09AL6

CEC Pressure Products: Cage - 09384

Transamerica/CEC: Cage - 09384

Bell and Howell/CEC: Cage - 14028

T-Hydraulics: Cage - 8W004

Thurman Hydraulics: Cage - 11051

OMEGA ENGINEERING INC: Cage - 29907

Vanzetti Systems Inc: Cage - 50973

NEWPORT ELECTRONICS INC: Cage - 32873

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