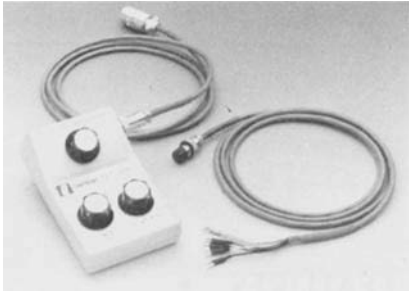


New Products



TRANSDUCER SIMULATOR

The Model GT-350 is a hand-held 350 Ohm bridge transducer simulator with cables that can be directly connected to transducer cable assemblies or terminals. Users can simulate complete operating parameters of a transducer system to isolate a bad transducer, faulty indicator/power supply, or cable without removing any hardware.

Gentran

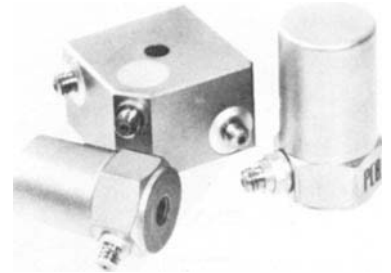
74

for use on IBM-AT and compatible computers. LAP is a suite of modules that integrate fatigue-life prediction techniques (including local strain methodology) throughout the design and testing stages of vehicles and components. It is used in ground vehicle and aerospace industries, as well as in durability assessment of any product which must operate in a cyclic service environment. **MTS Systems Corporation** **78**

ANALYSIS PACKAGE

A new microcomputer finite-element-analysis program for steady-state and transient thermal analysis is described as a fully self-contained package including preprocessing, solution, postprocessing, and graphics. It has been designed to solve heat-transfer problems with a maximum wave front of up to 400 degrees of freedom and an unlimited number of nodes and elements. Thermal solutions include conduction and convection as

well as nonlinearities such as temperature-dependent material properties, radiation and phase change. **Swanson Analysis Systems, Inc.** **52**



QUARTZ ACCELEROMETERS

A family of ISOLATOR® Quartz Accelerometers employs a unique compression-mode quartz array which maintains a stable output signal in the presence of thermal transients or base strain even at low frequencies. The lightweight Model 342A has a 50mV/g, low impedance output signal and other models in the Isolator series include the higher sensitivity, 100mV/g Model 348A and triaxial, 346A. **PCB Piezotronics, Inc.** **73**

The EASY Strain Gage



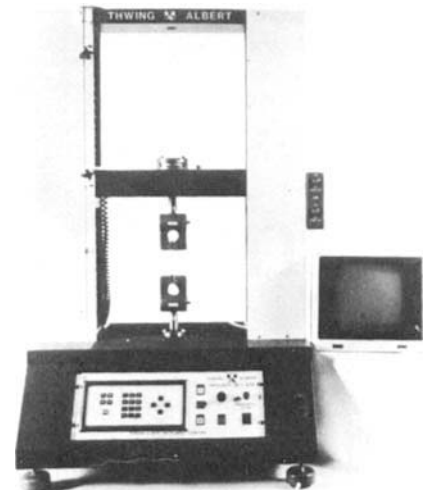
NO SOLDERING NEEDED!

If you've ever attached lead wires to a few dozen tiny foil gages, you'll appreciate our new FLE-1 small, single axis and rosette foil gages which come with 1 or 3 meter lead wires **already attached!** At only \$5.25 each, you save money as well as time. No solder tabs! No soldering! That's why we call it the "easy" strain gage.

TML

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Tel. (409) 764-0442



The Intellect-II-STD Universal Material Testing Instrument, available in either a dual- or single-screw configuration, features dual 16-bit microprocessors for parallel processing and utilizes 512k memory plus a 20 megabyte hard disk running under DOS version 3.1. **Thwing-Albert Instrument Company** **82**