

New Literature

DISPLACEMENT SENSORS

A color brochure describes the Fiber Optic Bearing Monitor. The Monitor provides a better method for determining bearing condition because it measures vibration of the bearing itself. The brochure pictures and describes the Monitor and also lists its benefits, features, data displays and specifications. **Philtec, Inc.** 116

TRANSDUCER/ ACCELEROMETER

A product data sheet describes the Hand-Arm Transducer Set Type 4392 for field measurement of hand-arm vibration. The set does away with the necessity of mounting accelerometers directly on the tool handle. The data sheet also describes the Triaxial Seat Accelerometer Type 4322 designed for

whole-body measurements and suited to field and laboratory work. The sheet lists features for both products as well as the specification for each. **Bruel & Kjaer Instruments, Inc.** 121

DICING SAW

Product bulletin 5200-5255, a 2-page data sheet, describes the Accu-Cut™ dicing saw system. The bulletin describes two basic saw systems: The Accu-Cut™ 5200, a bench model semi-automatic saw; and the 5250, a rugged computer-controlled production dicing saw system. Photos illustrate both models and complete specifications are given on both dicing units. **Aremco Products, Inc.** 125

SAFETY STANDARDS

A free copy of the January 1988 Catalog of Standards for Safety is available. The standards for chimneys, fire hose, photographic equipment, automated teller systems, marine buoyant devices, and more than 100 other UL standards have been revised since the last issue of the catalog. The catalog give the alphabetical listings of standards that are arranged by keywords and includes new sets of standards covering the standards of each of UL's six engineering departments. **Underwriters Laboratories, Inc.** 103

PRODUCT BROCHURE

A brochure for the Gleeble 1500 is available. The brochure covers general background information on the Gleeble 1500 and includes photos of Gleeble tests and plots made with the data-acquisition system. **Duffers Scientific, Inc.** 119

SHOCK TESTS

A brochure describes four shock-test systems developed for testing to MIL-STD-202 (Method 213A), MIL-STD-810 (Method 516.3), and other MIL-SPEC's. Such tests are typically used to certify electronic products used in rugged environments.

MTS Systems Corporation 126

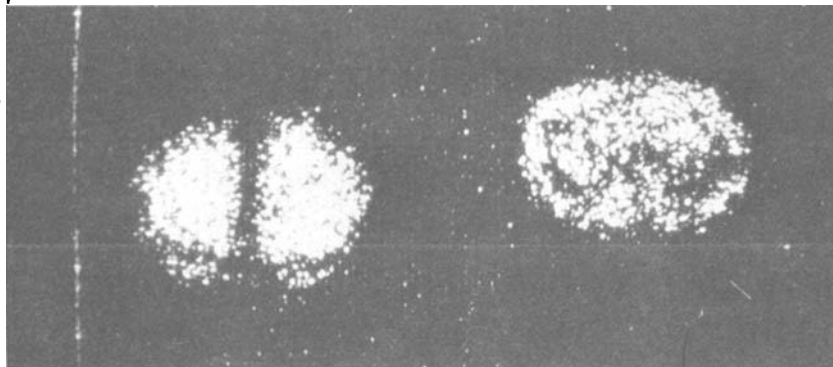
ES-9100 ELECTRONIC SHEAROGRAPHY SYSTEM

*HOLOGRAPHIC SENSITIVITY IN
A PRODUCTION ENVIRONMENT*

LASER TECHNOLOGY, INC.'s ES-9100 Electronic Shearography System brings you all of the sensitivity of holographic inspection of composites, without the problems of vibration isolation, film, ambient light or complex fringe patterns. Electronic shearography is pushbutton simple -- real-time images appear in 1/30 second. Since shearography provides fringe data only at the location of defect sites, the image is simple to interpret.

APPLICATIONS INCLUDE:

- Nondestructive Testing of Composites & Honeycomb
- Strain Analysis of Structures
- Modal Analysis
- Crack Propagation Studies in Fatigue Test Machines



10-inch section of aircraft radome is seen in this shearographic test with an unbond (Left) and crushed core (Right).



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