

new products

Deep water probe

Levels of dissolved oxygen are an important parameter in measuring the quality of lakes, streams and other bodies of water. One problem with earlier probes used to sense oxygen in deep water was that hydrostatic pressure would compress bubbles that got into the probe and cause erratic readings.

Yellow Springs Instrument Co. announces a new probe with built-in pressure compensation for deep water measurements. The probe is adaptable to earlier dissolved oxygen meters made by the company.

*Yellow Springs Instrument Co.
Yellow Springs, Ohio*

Circle No. 127 on Reader Service Card

Trace element detector

Trace amounts of substances such as lead, mercury and cadmium are increasingly implicated in various kinds of subacute toxicity to humans. Of course, acute lead poisoning is com-

mon in the ghetto when children eat peeling lead-based paint.

Environmental Sciences Associates, Inc., is offering an electrochemical analyzer that it says can be used for monitoring of trace elements in all environments, as well as in diagnosis of levels of the elements in the human body. Using a technique called anodic stripping voltammetry, the machine is sensitive to concentrations of some metals down to 0.01 parts per billion, the company says. Cost of analysis with the machine is one-half that of competitive methods, the company claims.

*Environmental Science
Associates, Inc.
Cambridge, Mass.*

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CO/HC analyzer

Olson-Horiba, Inc., is marketing a 25-pound machine for analyzing carbon monoxide and hydrocarbon emissions from auto exhaust. The company says the machine is suitable for use by garages and service stations, and that it is capable of measuring limits ex-

ceeding current state and Federal requirements.

The machine, called the MEXA-300, provides individual readouts for CO and HC's.

*Olson-Horiba, Inc.
Santa Ana, Calif.*

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Drug education

"Education about the evils of drug abuse has not been a very effective deterrent . . .," says Dr. Paul H. Blachly, University of Oregon psychopharmacologist. Others agree. Part of the problem is that current programs depict the pains of drug abuse only, and offer no apparent alternative except narrow conformity.

Individual Insight, Inc., is offering a program, including tapes, text and personality inventories, that tries to provide scientific data on both drugs and the personality factors leading to their use. The self-analytical material included helps the student to put himself into the context.

Although the program appears to contain some hidden moralism, it nonetheless goes a long way in a more sensible direction. A unique offering of the program is instruction in techniques of relaxation—without drugs, of course.

*Individual Insight, Inc.
Arlington, Mass.*

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Waste incinerator

Pollution control laws increasingly forbid discharge of human wastes from boats into waterways. And sometimes it is impossible for trailer dwellers, or even dwellers in conventional houses, to hook onto sewer lines.

Ecological Dynamics, Inc., is offering a sewage incinerator that operates on the principle of destructive distillation. Materials are first liquefied in a chamber, then heated electrically (from shore connections) to 900 degrees F. The heat apparently breaks the material down chemically, and harmless gaseous components, mainly water vapor, are emitted.

The Dade County, Fla., pollution control office has approved use of the device on houseboats. It suggests, however, that users get approval from other jurisdictions wherever applicable.

*Ecological Dynamics, Inc.
Miami, Fla.*

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how to own
"little big ear"
for just \$9.95

This being the tuned-in generation, Glen Underwood, (our damn-the-torpedoes promotion manager) has decided that every American (red-blooded or otherwise) should be equipped with a 1st-class, yet small and inexpensive, transistor radio and that Haverhill's should pioneer this effort. We got caught up in the challenge and vowed to produce a radio so great in performance and so ridiculous in price that it would even take Underwood (a scoffer and wise guy if there ever was one) by surprise. Result — "LITTLE BIG EAR"! It fits in the palm of your hand, weighs barely 2 ozs. is exceedingly colorful, and cute as that proverbial bug. Yet it features 6 transistors and 3 diodes, operates on one flashlight battery and covers the entire AM range with fidelity, discrimination and volume you wouldn't expect from a radio 3 times the price (or size). And that isn't all . . . We'll also send you our 56-PAGE CATALOG and a \$2 GIFT CERTIFICATE that you may apply to your next purchase. Of course, "LITTLE BIG EAR" is Guaranteed for 1 year for parts & workmanship, and you may return it within two weeks if not delighted. If you want to own a fine radio at an almost blasphemous price, clip this ad, write your name and address on the margin, and send it to us with your check for \$10.95 (\$9.95 plus \$1 for post. & ins. Calif. resid. add tax.) Do it today. When Fred Spanberger, our Controllor, returns from his cost accounting seminar at the Wharton School of Finance, he may just decree a screeching halt to this whole crazy scheme.

haverhill's

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