

new products

Probability charts for decision making are graphical devices for transforming data into linear displays that simplify and facilitate statistical data analysis. The methods presented in this book adapt the most powerful ideas in statistics into easy-to-use techniques readily understood by most persons without formal statistical training. Most of the techniques presented can be readily used by anyone with a good background in contemporary high school mathematics and an ability to construct graphical plots.

Team Inc.

Circle No. 145 on Reader Service Card

Planetarium instrument is one of the most accurate planetariums developed. It enables schools, colleges and museums to purchase sophisticated equipment. The unit is capable of projecting between 2,900 and 4,000 stars. At the 4,000 level, the stars are projected down to 6.0 magnitude, which covers virtually the entire body of stars that can be seen under good atmospheric conditions on a clear moonless night. The instrument includes a dome that ranges in size between 30 and 40 feet, depending upon the institution's specifications.

Viewlex-Planetariums

Circle No. 146 on Reader Service Card

Broadband power-amplifier kit is all solid state, covering the range of 0.5-100 MHz. Rated at 2.5 W cw, it accepts inputs of AM, SSB, pulse, and other complex modulation. It delivers full power output when driven by any signal or sweep source of 0.15 V over the entire frequency range without tuning adjustments. The unit will not oscillate for any condition of load or source impedance and will withstand a 15 dB overdrive including short and open circuit loads. The kit can be assembled in 3 hours.

Larkton Scientific

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Transparent greenhouse permits a child or a student to grow his own garden, transplant it, and observe the workings of nature—step by step. Flowers and vegetables germinate in five days from seedlings planted in special "solid" clear water without the use of soil. After the plant is transplanted into a dirtless pot, it is fed nontoxic nutrient pellets.

Ideal Toy Corp.

Circle No. 148 on Reader Service Card

City-size integrated solid waste system processes up to 1,000 tons of solid waste a day. The system compacts all forms of waste material into uniform-sized bales of consistent density which

then can be shipped by rail, barge or truck to reclaim wasted land or fill abandoned mines. The system is designed to process all the daily garbage and solid waste for a city of 250,000 for less than \$1.80 per ton.

American Solid Waste Systems

Circle No. 100 on Reader Service Card

Wind-measuring system is designed for use in air pollution measurements. The equipment consists of wind speed and wind direction sensors, and a modular rack mount processor that can be expanded to include other meteorologic parameters, such as temperature difference, dew point, pressure, etc. by adding plug-in modules. The processor is prewired to accept additional modules.

Climatronics Corp.

Circle No. 99 on Reader Service Card

A thermometer specifically designed for classroom use is a 19-inch glass tube filled with an easy-to-read red liquid, and has a large cylindrical bulb for fast response. Bold black numerals and graduations make reading easy from any part of the classroom. The freezing point of water plus normal body temperature are clearly marked. Imprinted on the thermometer are the conversion formulas between Fahrenheit to Celsius.

Taylor Instrument Co.

Circle No. 149 on Reader Service Card

Chemical-feed diaphragm pump with a steam-sterilizable head provides reproducible flow rates continuously adjustable from 0.02 to 25 liters per hour. A stainless steel pumping head isolates the metered fluid from the pump mechanism, and is designed to pump against head pressures of up to 50 psig. The pump will meter acids, alkalies, solvents, biological media, viscous slurries, corrosives, gritty or granular materials, and cell suspensions.

New Brunswick Scientific Co.

Circle No. 150 on Reader Service Card

Three educational programs assist students in interpretation of three types of spectra (Raman, infrared, and nuclear magnetic resonance). A combination of visual materials for projection, instructors notes, and student workbooks are designed to make the programs ideal as supporting material for existing courses. Each program includes a set of 45 spectra of simple compounds in either 35mm slides or as overhead projector transparencies. Spectral data are clearly labeled. Samples of compounds shown in 10 "unknown" curves in the student workbooks can be purchased separately.

J. Huley Associates

Circle No. 151 on Reader Service Card

Breathing system enables maintenance and rescue personnel to breathe fresh, safe air while working in toxic

or inert atmospheres. The system grew from tested aerospace components, including helmets resembling those used in high-altitude exploration and air supplies controlled by aircraft-type breathing regulators. The system consists of an air control console and six helmets, each with 300 feet or more of umbilical cord.

Alien Atmospheres Inc.

Circle No. 98 on Reader Service Card

Air-sampling instrument is a low-cost educational tool designed for use in science classes of secondary schools and colleges. The detector indicates the level of air pollution by measuring the concentration of condensation nuclei in air samples.

Environment/One Corp.

Circle No. 97 on Reader Service Card

Flying-insect control units are general purpose units effective for control of houseflies, mosquitoes, night flyers, as well as flying micro-insects. The units have been accepted by the USDA for use in meat, poultry and egg processing plants under Federal inspection. The units have application in plants under inspection by the Food and Drug Administration.

Gilbert Electronics

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