Around the World for 80 Days

The longest and last Skylab mission sets off
The most exciting new teaching tool in years...

ISI's MINI-RAPID SCAN\textsuperscript{TM} - The first desktop TV scanning electron microscope. Price $8,900.

MINI-RAPID SCAN brings the incomparable advantages of the scanning electron microscope within the reach of every botany, biology, semi-conductor/IC, earth science, and medical/dental educator.

MINI-RAPID SCAN offers up to 500 times greater depth of field and up to 10 times greater useful magnification than any optical microscope. That's what today's electron optics does.

ISI's pioneering desktop SEM, the MINI-SEM\textsuperscript{R}, has proven itself in laboratories all over the world.

MINI-RAPID SCAN offers 750 Angstroms guaranteed resolution, 20X to 10,000X magnifications, and 10 kv accelerating voltage. It can be operated anywhere by anyone — simply plug it into any 110-120 V power line and go to it!

For literature and/or a demonstration, contact ISI at 970 San Antonio Road, Suite 5, Palo Alto, CA 94303. Phone (415) 328-8733.

Fresh, uncoated specimens such as this tomato leaf may be viewed with the MINI-RAPID SCAN. Magnification: 250X.

Images like this lamp filament (100X) can be achieved in seconds by anyone. Sharon St. John demos the simple controls of the MINI-RAPID SCAN.

LIVE IN THE WORLD OF TOMORROW...TODAY!

A BETTER LIFE STARTS HERE

NEW! FORD TURBINE ENGINE KIT

Think Wankel's great! Build a ½ scale model of Ford's revolutionary, "butter" answer for a clean-burning economy engine! Harnesses power prev. used in jets w/ ingenious engineering like exhaust regenerator, variable power turbine nozzle, electronic control system. Exact detail model shows actual working compressor, gears, turbine, regenerator, power output shaft, glowing combustion chamber. Batter. op. (2 "A" not included). Instructions.

Stock No. 71,851Q $12.95 PdP.

Amazing New WANKEL ENGINE KIT!

General Motors recently paid $50 million for rights to the Wankel. Ford just signed up! Now you can thrill to the fun of building your own see-through, ½ scale working motorized model. This revolutionary pistonless type engine replaces piston, cylinder and crank assemblies with rotating discs (sections removed to form firing chambers). Kit features flashing lights, rubber fan belt, stick-shift, off-on switch, instructions. Requires two 1.5V batteries (not included).

Stock No. 71,424Q (4½ x 9 x 9) $12.75 PdP.
$18-Page Wankel Engine Book Stock No. 9,439Q $15.25 PdP.

130 EXPERIMENTS IN OPTICS...

and photography! Optix®Experiments Kit is a complete optical & photography lab for 130 exciting experiments. Lets you recreate the periscope, telescope, microscope, kaleidoscope! Build a 35mm reflex camera with interchangeable lens system! Make, develop photographic film! Enjoy the fun and fascination of having your own optics lab. Fully illustrated, 112 pg manual, 8½ x 11", clearly explains usage of this stimulating kit’s 114 precision engineered components.

Stock No. 71,640Q $27.50 PdP.

GREAT INT'L. PAPER PLANE BOOK!

Official fly-them-yourself book of paper airplanes from SCIENTIFIC AMERICAN'S "1st International Competition." Includes plans of all winning entries, time-altoft records, photos, technical data, commentaries. Has 20 unusual designs on perforated pages for easy tear-out. You won't believe how some of them fly! Amusing, entertaining. 128 pages. 9" x 11½".

Stock No. 9391Q $7.95 PdP.

LISTEN TO YOUR BRAIN...

and use it too! Now you can enter the amazing world of Biofeedback—not for $250, or even $125—but less than $50! Real price breakthrough—fully portable, self-contained Biofeedback system. Audio signal indicates increase or decrease in Alpha & Theta reflecting mental state. Great aid to relaxation, concentration. 5 microvolt sensitivity, steth. earphones, perm. electrodes headband, comp. instr. etc. 9v trans. bat. (not incl.).

No. 71,809Q ALPHA WAVE MONITOR No. 1635Q (8 x 3 x 4); 24 xr.) $49.95 PdP.

MAIL COUPON FOR GIANT FREE CATALOG!

164 PAGES—MORE THAN 4,500 UNUSUAL BARGAINS!

Completely new 1974 edition. New items, categories, illustrations. 164 new, easy-to-read pages, crammed with hundreds of ecological and physical sciences, general instructives. Low cost models, kits, projects, for both demonstration and student participation. Bargains galore—fun, study, profit. Write for free Catalog "Q" to:

EDMUND SCIENTIFIC CO.
300 EDSCORP BUILDING, BARRINGTON, N. J. 08007

NAME
ADDRESS
CITY
STATE ZIP

ORDER TODAY! COMPLETE AND MAIL

EDMUND SCIENTIFIC CO.
300 Edsorb Building, Barrington, N. J. 08007

How Many

Stock No.

Description
Price Each
Total

PLEASE SEND ☐ GIANT FREE CATALOG "Q" MERCHANDISE TOTAL $ Add handling charge: $1.00 on orders under $5.00; 50¢ on orders over $5.00.

I enclose ☐ check ☐ money order for $ TOTAL $ Name
ADDRESS
CITY
STATE ZIP

30 DAY MONEY-BACK GUARANTEE
YOU MUST BE SATISFIED OR RETURN ANY PURCHASE IN 30 DAYS FOR FULL REFUND

Circle No. 137 on Readers' Service Card
KNOW YOUR BLOOD PRESSURE TWICE A DAY! ANYWHERE!

PROFESSIONAL BLOOD PRESSURE MACHINE PAYS FOR ITSELF MANY TIMES OVER!

Compact unit in zippered case travels where you do! No more waiting for appointments, wasted hours in doctor's office . . . No more exorbitant medical bills to keep tabs on unruly blood pressure! Now, take your own pressure night or day, at home or away, accurately, scientifically. Precision made Aneroid type sphygmomanometer with easy-ready gauge is simple to use. Just wrap Velcro no-slip sleeve around arm and squeeze bulb. Lets you check "warning sign" fluctuations on the spot. PAYS FOR ITSELF IN COST OF JUST TWO DOCTOR VISITS! Comes with compact zippered case. One-year warranty.

Blood Pressure Machine (Z73254) . . . Only $15.95
If you don't have one, Professional Stethoscope (Z47258) available for only $4.95.

DON'T DELAY . . . THIS MAY BE THE BEST "LIFE INSURANCE" BUY YOU'VE EVER MADE!

HANOVER HOUSE
Hanover, Penna. 17331