# American Basic Science Club's Amazing MASTER LAB! You Get **ALL** the Equipment on this Page in 8 Monthly Kits

95 FOR EACH OF THE 8 KITS — ONE A MONTH SEND \$ PAY \$ HTIW OO TOTAL PRICE FOR THIS MASTER LAB \$3360 COUPON ONLY ONLY

### **ELECTRONICS LAB AND RADIO COURSE**

SHORTWAVE AND BROADCAST RADIOS. Three-tube regenera-tive circuit, Uses 115V AC house current Complete with Heads CARBON MICROPHONE and two-stage AUDIO AMPLIFIER... RADIO TRANSMITTER for code or voice.

DC POWER SUPPLY (Power Transformer, Vacuum Tube Rectifier and 20-20 mfd. capacitor filter circuit) con-verts home AC to the DC required for electronics. STROBE LGHT -

the motion of vibrating or rotating of RIPPLE TANK WAVE GENERATOR with

"Steps to A Hom License." All You Interest.

Plays the FCC Hum License FLORING THE Valuable trouble shouting tools.

SIGNAL TRACER and CONTINUITY TESTER. Valuable trouble shouting tools.

We explained to occupanting manual. "Simplified Reddy Varietings"

DEMAGNETIZER LEETROMACNETIC RELAY. BURGLAR ALARM.

PROXIMITY DETECTOR. EXTINCTION VOLTMETER. GALVANOMETER

THERMOCOUPLE. SOLENOID COIN TOSSER. and many more

Graphic demonstrations with VACUUM TUBES, TRANSFORMER, POTENTIO-METER, CAPACITATORS, and other electronic companyors, and clear what they do and how they do it. Vivid experiments illustrate the ELECTRON THEORY, DC and AC CHARACTERISTICS, INDUCTANCE, REACT ANCE, CAPACITANCE, RECTIFICATION, AMPLIFICATION and other electronic principles. The most exciting way to a solid background in electronics BASIC ENOUGH FOR BEGINNERS — REWARDING ENOUGH FOR THE "PROS."

A VALUABLE ELECTRONICS LAB with quality parts by RCA, GE, Pyror Centralab, Trim, Stackpole, Cinch, Mallory and other reliable manufacture Retail value of parts alone is over \$25.00. Includes hardware, hook wire, solder and a bonus ELECTRIC SOLDERING IRON.

(Available as a Separate Unit for \$17.80 Postpaid)

ANALOG COMPUTER

## 35MM AND MICRO-PROJECTOR

(Available as a Separate Unit for \$6.95 Postpaid)

CUP ANEMOMETER and WINDVANE give ren

WEATHER STATION

(Available as a Separate Unit for \$6.95 Posts



# SURVEYOR'S TRANSIT AND RANGE FINDER A practical instrument for laying out foundati fences, etc. 6X erect image Telescope. Vertic bered 50° to 0° to 50°. Horizontal circle mark degrees. Vernier reading for both scales. Le

(Available as a Separate Unit for \$5.95 Postpaid)

## PHOTO DARKROOM LAB

Complete Darkroom Set-up: ENLARGER, CONTACT PRINTER, 3 Plastic Developing Trays, Safe Light, 2 Thrmometers, Film Clips, Developing Chemicals, Printing and Enlarging Paper — and a Darkroom Handbook. Everything you need to develop nega-tives, make prints and enlargements.

ailable as a Separate Unit for \$8.95 Pc

### TELESCOPE AND MOUNT

Available as a Separate Unit for \$4.95 Postpa

## ULTRAVIOLET LAMP

(Available as a Separate Unit for \$5.95 Postpaid)



# MICROSCOPE 100X, 150X and 200V. Precision ground and Lenses. Ramsden Eyepiece gives large field. Illuminator with Condensing Lens provides easy Artachable Polarizing Filters give a jewel-like to to crystals, grains, etc. Slides and cover glasses

(Available as a Separate Unit for \$5.95 Postpaid)

# **SPECTROSCOPE**

(Available as a Separate Unit for \$5.95 Postpaid)

# (Available as a Separate Unit for \$4.95 Postpaid) PHOTOELECTRONIC RELAY



## ATOMIC ENERGY LAB

ATOMIC CLOUD CHAMBER WITH PROJECTOR ILLUMI trails of alpha and beta particles, and of cosmic SPINTHARISCOPE gives a drawing of exploding a



# LIGHT BEAM TRANSMITTER-RECEIVER

TRANSMITTER consists of a Light Source, a Modulating Reflector traggm and an Optical Projection System. The RECEIVER is a Two-Stage o-Amplifier, controlled by a Photoelectronic Cell. Sound Waves (voice, and the control of the Contr

# 8 KIT MASTER LAB Includes ALL the Equipment for ALL the Above...only

WITH ONLY COUPON

PLUS COD POSTAGE FOR EACH OF THE MASTER LAB'S 8 MONTHLY KITS. YOUR SATISFACTION OR MONEY BACK . . . CANCEL AT ANY TIME — NO OBLIGATION. ONLY

# **HOW IS IT POSSIBLE?...A GOOD QUESTION!**

All the above equipment, as separate units, adds up to over \$10000 How can the 8 kit Master Lab have it all for only \$33.60?

The answer is in the versatile, multi-purpose equipment. For example: the 35MM Proiector quickly and easily converts into the housing for the Ultraviolet Lamp, Spectroscope, Photo Enlarger, Cloud Chamber Illuminator, etc. Similarly, the Surveyor's Transit Head doubles as an Equatorial Mount for the Telescope. The unique Light Beam Transmitter-Receiver is made up of the two stage Audio-Amplifier of the Electronics Lab and parts of the Slide Projector and Photoelectronic Units. Such multi-purpose use makes it possible for the Master Lab to provide a wide range of practical equipment at a fraction of the customary cost. Multi-purpose design is not used where it would be impractical: for the permanently mounted weather instruments, for example.

## KIT-A-MONTH OR ALL AT ONCE SEPARATE UNITS ALL GOOD BUYS

## DEVELOPED BY TOP SCIENTISTS

The Master Lab was developed with the Southwest Research Institute of San Antonio, Texas, a non-profit public service organization, nationally known as the center of scientific activity in the Southwest. Its varied programs range from polar expeditions to high temperature experiments for missile research. The Master Lab is the result of the enthusiastic efforts of top scientists of this highly regarded research organization.

## ACCLAIMED BY EDUCATORS



# MASTER LAB A REAL SCIENCE COURSE

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The 8 Instruction Manuals and 6 Auxiliary Texts are Expertly Written, Clearly Illustrated, Excitingly Different ... over 480 pages ... more than 270 illustrations.

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