

Heathkit ELECTRONIC SWITCH KIT

Double THE UTILITY OF ANY SCOPE

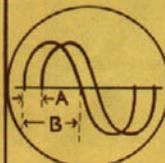


Shipping wt. 11 lbs.

\$34.50

An electronic switch used with any oscilloscope provides two separately controllable traces on the screen. Each trace is controlled independently and the position of the traces may be varied. It is an amazing and fascinating instrument. The input and output traces of an amplifier may be observed one beside the other or one directly over the other illustrating perfectly any change occurring in the amplifier. Distortion, phase shift and other defects show up instantly. The switch is also an excellent source of square waves over a limited range. The unit is 110 Volt 60 Cycle transformer operated. Uses 5 tubes (1 - 6X6, 2 - 6SN7's, 2 - 6SJ7's). Has individual gain controls, positioning control, and coarse and fine sweeping rate controls. The cabinet and panel match all other Heathkits. Every part supplied including detailed instructions for assembly and use.

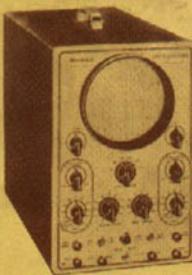
Measuring Phase Shift with a Heathkit Electronic Switch



The phase shift through any stage of an amplifier is instantly shown and easily measured on oscilloscopes using a Heathkit Electronic Switch.

Before switch inputs are connected to the input and output of stage being measured, superimpose the traces with the positioning control. Connect the inputs and bring the traces to equal size with the gain controls. The phase angle can then be measured on scope screen and computed by the equation phase angle = $180 \frac{A}{B}$ degrees.

Heathkit 5" OSCILLOSCOPE KIT



\$39.50

Shipping wt. 33 lbs. Express only.

Many of the largest television schools are buying Heathkit scopes in large quantities. Proof enough of this kit's suitability for FM and television work. Every part supplied including 3EP1 and 5 other tubes. 110V 60 cycle power transformer supplied over 1100 Volts for 3EP1 and 350V for amplifiers and sweep generator. Vertical and horizontal amplifiers using 6SJ7 tubes and a sweep generator covering 15 to 30,000 cycles using an 88A gas triode. Oil filled condensers for long life. Grey crackle cabinet, size 8 $\frac{1}{2}$ x 13" high x 17" deep. Beautiful 2 color panel. Order now and discover an entire new world of visual electronics. An oscilloscope provides almost endless sources of experimentation in radio, electronics, medicine and scientific research. Detailed instructions and photographic layout diagrams make assembly easy.

Heathkit SIGNAL TRACER KIT

Shipping wt. 10 pounds.



\$19.50
Nothing
ELSE TO BUY

Let a Heathkit Signal Tracer do the tedious watching of intermittents while you go on to other profitable jobs. Follow the signal from the antenna to the defective part in a matter of seconds. Triples the repairs per man in many shops. A Heathkit Signal Tracer Kit pays for itself in a matter of days of operation. Locates faults immediately. Internal amplifier available for speaker testing and internal speaker available for amplifier testing. Connection for VTM on panel allows visual tracing and gain measurements. Also tests phonograph pickups, microphones, PA systems, etc. Frequency range to 200 Mc. Complete ready to assemble. 110V 60 cycle transformer operated. Supplied with 3 tubes, diode probe, 2 color panel, all other parts. Easy to assemble, detailed blueprints and instructions.

ORDER BLANK

To Heath Company From _____
Benton Harbor, Michigan

(Please Print)

Ship via
Parcel Post
Express
Freight
Best Way

Quantity	Item	Price	Quantity	Item	Price
Heathkit Sweep Gen. Kit			Heathkit Signal Gen. Kit		
Heathkit Amplifier Kit			Heathkit Cond. Checker Kit		
Heathkit VFM Kit			Heathkit All-Wave Radio Kit		
Heathkit Audio Gen. Kit					
Home Workshop Grinder Kit					
Heathkit Elect. Switch Kit					
Heathkit Oscilloscope Kit					
Heathkit Signal Tracer Kit					
BC 451 Control Box					
Heathkit Photo Timer Kit					

Enclosed find Check Money Order for _____

Please ship C.O.D. Postage enclosed for _____ pounds.

BC451 COMMAND SET CONTROL BOX

No. 236. The control box for the 27W transmitters contains proper CW-voice switch, channel selector switch, power switch, mike jack and telephone key. Will save many hours time and trouble converting these transmitters. Add postage for 2 lbs.



\$1.95

Heathkit PHOTO TIMER KIT



\$8.75

Add postage for 4 lbs. solder together.