

# • New Machines and Gadgets •

⚙️ **POSTAL SCALE**, for weighing letters, is a single curved piece of material capable of rocking on its base. One upward-projecting curved arm has a slot to hold a letter, the weight of which causes the device to rock. The other arm, bent inward to the center of the arc, carries a freely-swinging pointer to indicate the weight.

Science News Letter, October 6, 1945

⚙️ **SPECIAL** reel placed six feet in front of a bazooka makes it possible to shoot a telephone wire across a river 200 yards wide. The payout end of the wire on the reel is formed into a slip loop and taped to the muzzle of the bazooka from which it is picked up by the departing rocket projectile.

Science News Letter, October 6, 1945

⚙️ **GARMENT** hanger, to hold various articles of wear at the same time, resembles the familiar wire hanger, but has two recesses in the upper wire of the frame to hold the shoulder straps of a slip, and movable clips on the lower wire to hold a skirt.

Science News Letter, October 6, 1945



⚙️ **AUTOMATIC** cycle washers for installation in kitchens will soon be available. One, shown in the picture, is designed to harmonize with other equipment in the average kitchen. Electrically operated, its engineering details have not yet been revealed.

Science News Letter, October 6, 1945

⚙️ **PORTABLE** medical refrigerator used in the Army is for the storage of whole blood, biologicals and perishable drugs. Made of aluminum, it weighs 175 pounds. It is electrically operated by a one-eighth horsepower motor, and has two compartments in which different temperatures are maintained automatically.

Science News Letter, October 6, 1945

⚙️ **DOUBLE-TRACK** truck tires are protected by a soldier invention from stones and sharp objects that would otherwise become lodged between the tires. It is a simple bar that, inserted between the tires, rests on the wheel hub. When the truck is in motion, the bar pushes stones out of the path.

Science News Letter, October 6, 1945

⚙️ **VACUUM-PRODUCING** equipment, an essential part of a cold-water de-aerator which is attached to water pipes, frees the water of oxygen and carbon dioxide without the use of chemicals.

*These gases cause destructive corrosion in pipes and boilers. A spray created in the apparatus makes gas removal easier.*

Science News Letter, October 6, 1945

If you want more information on the new things described here, send a three-cent stamp to SCIENCE NEWS LETTER, 1719 N St., N. W., Washington 6, D. C., and ask for Gadget Bulletin 279.

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## ACCURATE INSTRUMENTS FOR PRECISION TIMING

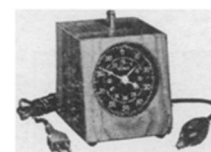


Table model electric stop clock with a-c clutch and toggle switch

The Stoelting table model electric stop clock is an accurate timer for a wide variety of industrial and laboratory tests...such as measuring start-to-stop intervals of relays and instruments, and for checking sequence operations.

Timer with a-c clutch has toggle switch for manually starting the pointer. Timer with d-c clutch has binding posts only for attaching d-c control circuit for starting and stopping the pointer. Both timers have a-c clock motors, and pointers are reset with knob.

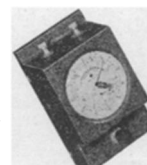
The Stoelting electric timer and impulse counter is an accurate, dual-purpose instrument for counting individual electric impulses or for use as a chronoscope.

When used as timer, 11-16 v current is taken from step-down transformer. When used as counter, direct current only is used. Counter capacity — 7,200 impulses.

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