

• New Machines and Gadgets •

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⚙️ **PORTABLE PUMP**, for farm use or draining flooded cellars, has aluminum castings which make it so light that one man can easily carry it where needed. It is operated by a built-in gasoline engine with its cylinders, piston, crankcase and flywheel fan of aluminum alloy.

Science News Letter, November 8, 1947

⚙️ **POCKET electrical tester** consists of an insulated sprocket around which is wound six feet of test wire, with one end of the test cord terminating in a standard base plug, the other in two test prods. One of these contains a test lamp. It is for use in testing all sorts of electrical appliances.

Science News Letter, November 8, 1947

⚙️ **BULLET TRAP**, a safety device for gun practice, is a box-like device of metal with a removable cardboard or plywood target on its front. The steel sides slope inward toward the rear where there are two 10-gauge steel sheets. The construction is so designed that the bullets are pulverized.

Science News Letter, November 8, 1947

⚙️ **ELECTRIC COOLER** for bottled water, for use where piped water is not available or where spring water is used, is a 15-inch square cabinet about four and a half feet high which has an enameled top to hold the inverted bottle. The condensing compartment is easily reached through a front panel.

Science News Letter, November 8, 1947

⚙️ **INDUSTRIAL microscope**, for uses ranging from drilling tiny holes to as-



sembling miniature radio and radar tubes, gives the magnified image right side up, rather than inverted, thus making it easier for the operator. It can be used on a table, or bolted to a machine through a hole in its base.

Science News Letter, November 8, 1947

⚙️ **STRENGTH tester**, 100 pounds capacity, will handle the tensile strength of rope, cord, fibers and wire up to one-eighth inch in diameter and the compression strength of metals, rubber, fiberboard and plastics. It is a compact instrument that can be held in one hand while operated.

Science News Letter, November 8, 1947

⚙️ **AIR-STORAGE tank**, about 15-inches long and seven in diameter, is carried in the automobile and used to inflate a flat tire on the road. The light tank, with hose to connect to the tire valve, can be refilled like an ordinary tire at the free-air pump of a service station.

Science News Letter, November 8, 1947

⚙️ **RUBBER STRIPS**, to form bevels and decorative grooves on concrete surfaces, are attached to the forms instead of the conventional wood strips. They are held in position by a waterproof adhesive, but can be easily removed without chipping the mortar.

Science News Letter, November 8, 1947

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Question Box

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