

# • New Machines and Gadgets •

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⚙️ **COMPACT CALCULATOR** adds, subtracts, multiplies and divides, using only 10 keys. Slightly larger than a telephone, the 12-pound machine is valuable to businesses needing portable, hand-operated equipment. It comes in a simulated leather traveling case and is made in Sweden.

Science News Letter, July 3, 1954

⚙️ **WATER-CONTROL** device, designed to help alleviate municipal water shortage conditions, cuts off all flow to garden hoses and lawn sprinklers whenever the city water pressure drops to a critical point. Installed on outside faucets, the valve also snaps closed when firehose demands reduce the area's water pressure dangerously.

Science News Letter, July 3, 1954

⚙️ **NEW 21-INCH** picture tube will permit one manufacturer to slice three inches from the depth of his 1955 line of television sets because of the tube's shortened neck. Cabinets for the 21-inch set will even be two inches less from front to back than current 17-inch models. The tube provides a 20% larger picture than other 21-inch tubes.

Science News Letter, July 3, 1954

⚙️ **MODEL AUTO KIT** lets junior build and paint an exact, "working" model of a well-known 1954 automobile, as shown in



the photograph. The finished toy, made of tough plastic, is complete with tinted windows and white-wall wheels. The car whizzes along on its own motor after a starting push.

Science News Letter, July 3, 1954

⚙️ **TAPE RECORDER-RADIO** combination offers high-fidelity reproduction of radio programs through quality circuits

used both by radio and recorder. Operated by two piano-key controls, the built-in tape machine also will record the user's comments while it records a favorite program or musical work.

Science News Letter, July 3, 1954

⚙️ **LAWN EDGER** trims along sidewalks and curbs with a steel blade having rip-saw-like teeth. Slightly heavier than razor blade stock, this blade actually sharpens itself as it rubs against concrete curbs. The 50-inch handle lets the user stand while edging his lawn.

Science News Letter, July 3, 1954

⚙️ **"TRAVELER" TOOL KIT**, slightly larger than a cigarette pack, contains a hammer, chisel, saw, file, drill, punch and screwdriver that snap on a special handle. The tools and a small jack knife are sheathed in a zippered cowhide case, and are manufactured in Germany.

Science News Letter, July 3, 1954

⚙️ **ALUMINUM TUMBLERS**, designed for use with vacuum-seal caps, will bring processed foods to stores in colorful containers the housewife may re-use like old cheese and jelly glasses. The new tumblers, now being marketed, are available to food processors in ten colors and in five- and ten-ounce sizes.

Science News Letter, July 3, 1954

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7-3-4

## Do You Know?

The Hood Seal, once the mainstay in the livelihood of west Greenlanders, is now thought to be in danger of extinction.

About 350 skilled workers take a hand in constructing an average pair of shoes from the time the hide is removed to the point where the shoes arrive on retailers' shelves.

To aid tourists, Mexican policemen pin on the breasts of their uniforms tiny flags of the countries whose languages they can speak.

World population appears to have more than quadrupled since 1650.

Only 15% of the world's forests are managed as a renewable, continuously producing resource.

The main climatic influence on tomato growth is night temperature, 62 degrees being the most favorable for the production of large tomatoes.