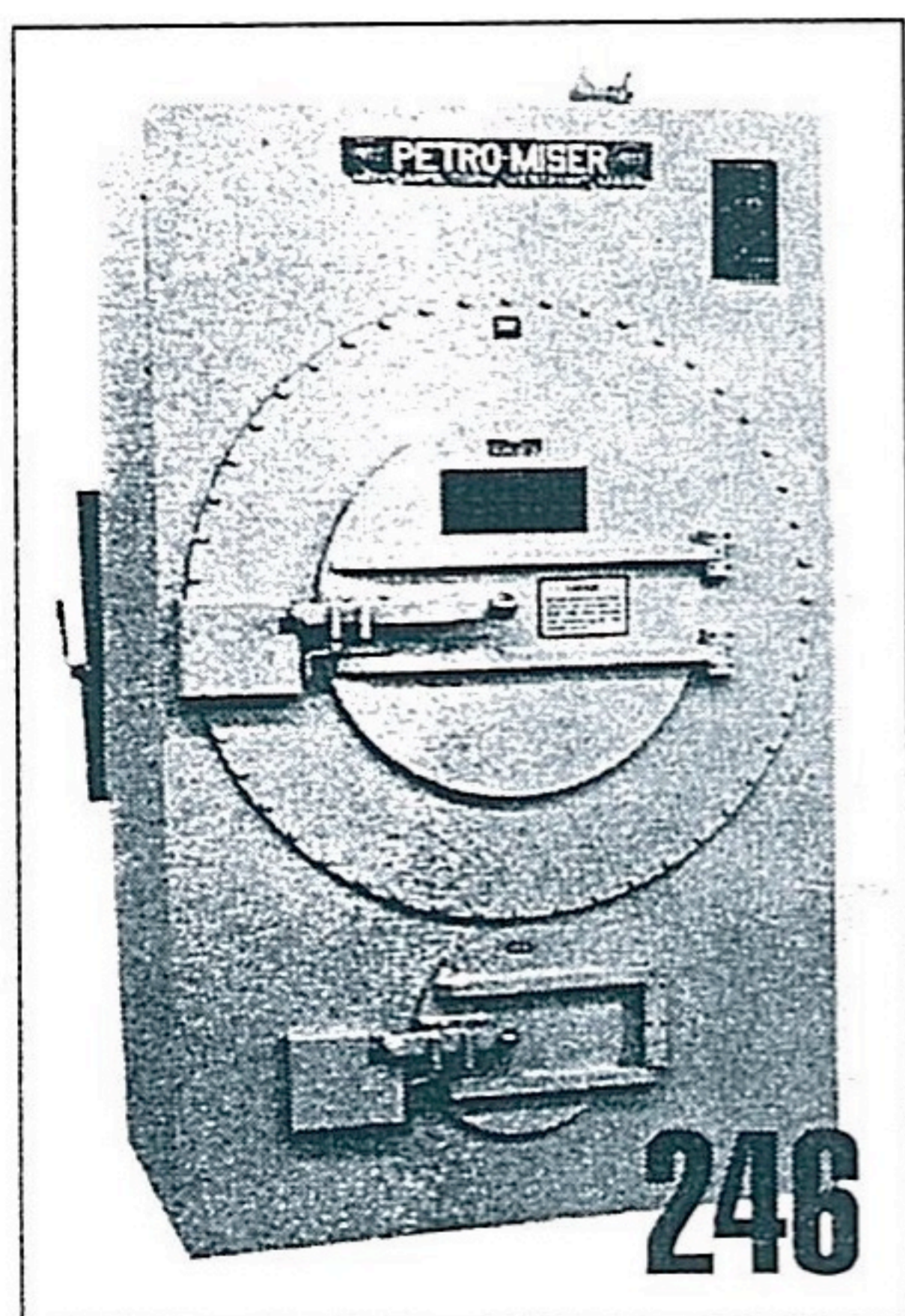


Recycling, Resource Recovery



Recovery dryers

Explosion-proof recovery dryers enable shop towels, wipes, gloves and aprons to be reused, reducing hazardous waste disposal costs and new solvent purchases. These 50- and 105-pound capacity dryers can reduce solvent emissions by up to 95 percent. *Westport Environmental Systems. Circle No. 246.*

Fluorescent lamp recycling

Recyclights® is a licensed hazardous waste recycler of fluorescent and high-intensity discharge lamps. The process includes a crush and sieve unit that separates materials, a distiller unit that extracts mercury from powder, and a super-distiller that extracts remaining mercury from such components as carbon filters. More than 99 percent of mercury is extracted, and recovered material is more than 99 percent pure, enabling reuse of all recovered materials. A nationwide collection and transportation network helps customers arrange lamp transportation to the Minneapolis facility. *Recyclights Inc. Circle No. 243.*

Trading trash for cash

Great Forest Inc. has made other companies' waste its business — literally.

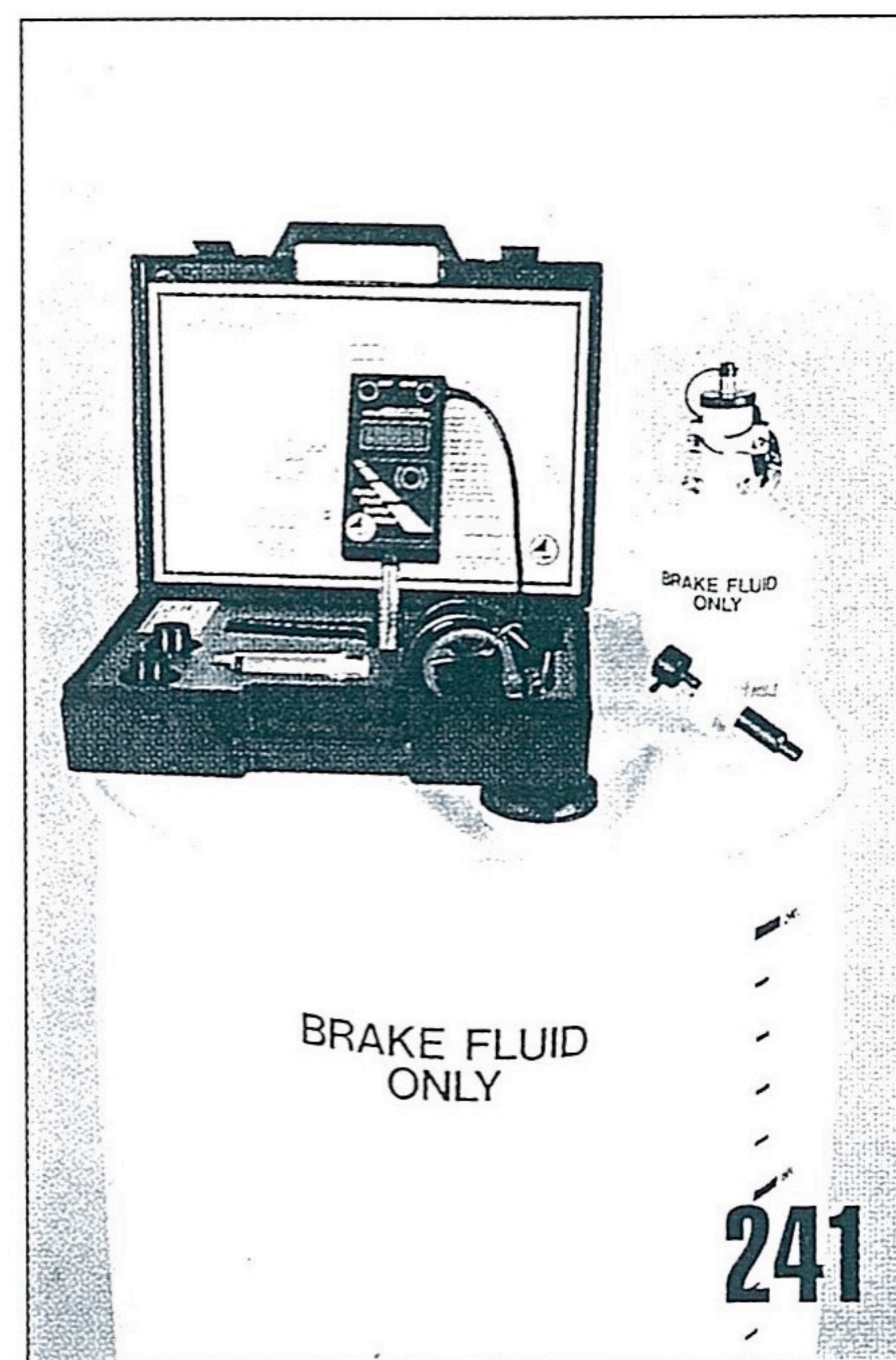
The New York City-based consulting firm organizes recycling programs for office buildings, department stores, airports, convention centers, hotels and even zoos in New York, Philadelphia and Washington, D.C., saving clients more than \$4 million a year in solid waste disposal fees, says Great Forest President Richard Fuller. The company recently opened a facility in Chicago.

Great Forest goes "dumpster diving," collecting bags of prospective clients' trash. Sorting through the contents provides an accurate sense of what the company discards, which helps Great Forest design an appropriate recycling program, according to Fuller. Educating employees about the program and convincing them to participate is the next step, he says.

Once a company has documented decreases in the amount of trash it generates, Great Forest negotiates with the waste disposal company to reduce the company's monthly bill, Fuller explains. "When we first started out, the trash haulers would pound the table and yell and scream when we asked them to cut their bill by 30 percent," he says. "By now they know our numbers are right."

Fuller says his company saved a Manhattan office building "a little over a million dollars a year" for a bargain price of about \$14,000. Most of Great Forest's approximately 300 clients have realized 30 to 60 percent reductions in removal costs, he adds.

For more information on Great Forest Inc. and its corporate recycling programs, Circle No. 248.



Brake fluid recycling

This brake fluid recovery system includes a hand-held tester that measures brake fluid reliability and shows when the fluid should be changed. A drainage bottle attaches to any vehicle bleeder valve, allowing brakes to be bled by one person. Fluid then is transferred into a larger (60-, 120- or 220-liter) collection drum. A keyed valve system accepts fluid only from the matching bleed receptacle, assuring that only brake fluid ends up in the drum. When containers are full, the company or another licensed hazardous waste transporter removes the fluid for reprocessing. *Schroeder-Nielsen Recovery Inc. Circle No. 241.*

On-line network

The Global Recycling Network is an Internet-linked database providing leads for the trade and exchange of resources, surplus manufactured goods, and outdated or used machinery. The system has about 500 business and government subscribers worldwide. The company operating the recycling network does not coordinate the lead-exchange process, nor does it accept commissions on sales. For a monthly fee, subscribers receive a password, monthly newsletter and instructions, and can post unlimited trade leads. There is no connect-time fee. *Global Recycling Network. Circle No. 240.*