

A PRODUCTION WORKHORSE...

Perfect For Laboratory Use, or For Low-Volume Production Runs...

Dollar for Dollar, You Can't Match It's Amazing Productivity!

Don't be fooled by it's small size. The Kinematics' Model 4400/VC, Semi-Automatic, Portable Powder Filler is a workhorse. With a single filling gun, a novice operator can easily produce 4,000 accurate and repeatable fills in an eight-hour shift. Adding an optional three-gun manifold and two additional filling guns, the same operator can readily turn out 10,000 or more precise doses in the same eight-hour period. Yet for all it's productive capacity, the Model 4400/VC remains a simple, low-cost, quiet and virtually maintenance-free filling device. It answers the needs of small and large companies alike, and finds use in a wide variety of industries.

Accuracy...

The Model 4400/VC utilizes an extremely accurate, vacuum/volumetric dosing principle. This technology enables it to be both a simple powder dispenser and a precise, exact weight, metering device. Costly hand weighing is totally eliminated. It will dispense free-flowing, as well as sticky products as fine as 10 microns in particle size, to coarse granular products with repeat accuracies sometimes better than $\pm 1\%$ over three Σ limits. Doses can range from approximately 20 mg. to a high of about 150 gm. Actual production rates and repeat accuracy are variables that are both product dependent. Ask us for a *no-cost/no-obligation* evaluation of your product in our lab.

Superior Design & Construction...

The finest available materials and components are used throughout the instrument. The console's aluminum alloy chassis and cover are powder coated and baked with a tough polyester overcoat. Filling guns are all made of the most corrosive resistant grades of stainless steel alloy. Motors and pumps are damped for quiet, vibration-free operation. Finally, each unit is hand assembled with meticulous care, under rigorous quality standards. This adds up to years of dependable, maintenance-free operation, even under the heaviest of production schedules.

Thirteen Month Warranty...

Kinematics & Controls Corporation offers a limited, Thirteen-Month Extended Warranty on all of its products. One extra month may not sound like a lot.... but it's not bad.

Simple, Accurate, Low-Cost Filling of:

- Foods & Pharmaceuticals
- Chemicals & Dyes
- Powdered Metals & Glass
- Plastic Resins
- Battery Powders
- Diagnostic Reagents
- Cosmetics
- Diamond Powder Mixes
- Ceramic Powders
- Seeds

Call Today... TOLL FREE...
for applications assistance...
or to arrange for a FREE
LABORATORY EVALUATION of
your product.



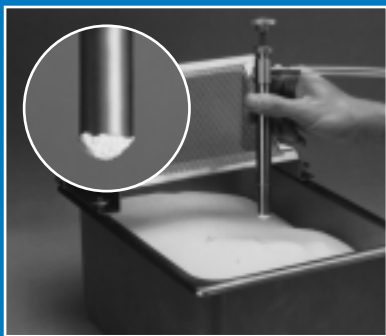
SIMPLE OPERATION

1



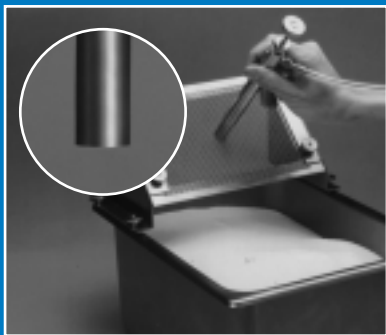
THROW THE SWITCH on the console. Vacuum surges through the filling gun, ready to pick up powdered product.

2



DIP THE GUN into the product trough. Powder is instantly picked up into the barrel at a controlled, even density.

3



DOCTOR-OFF the excess product left at the tip of the filling gun.

4



INSERT THE GUN into the mouth of the container to be filled. Depress the foot switch. Vacuum changes to gentle pressure, discharging another perfect, dust-free dose.

KINEMATICS & CONTROLS CORPORATION
Experts in Precision Filling, Metering, Dosing and Dispensing of Liquids and Powders.

14 Burt Drive, Deer Park, NY 11729-5702 • Phone: 516-595-1803 • Fax: 516-595-1523 • Toll Free 800-833-8103

...Ask About Our Automatic Machine Building Capability!