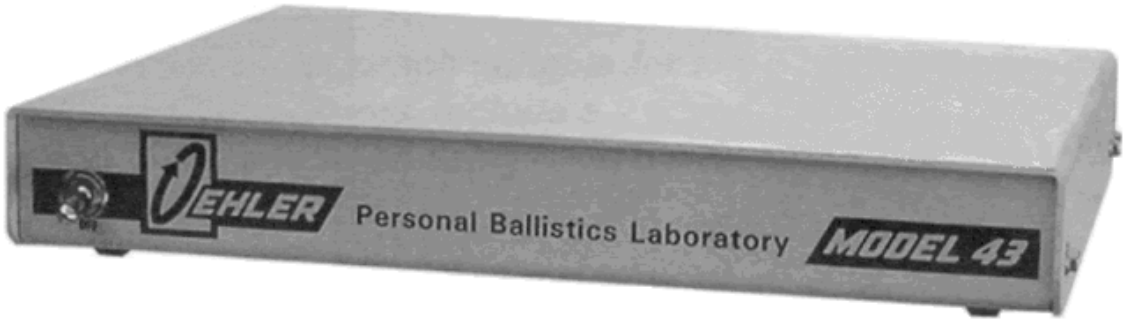

The Model 43 Personal Ballistics Laboratory is the ultimate instrument for the individual shooter. Used on your own shooting bench, it gives you more test power than is available at all but the most sophisticated industrial and government laboratories. As Rick Jamison says "You can learn more about real-world ballistics in a week with this unit than you could in years of studying books."

The only test data most of us see is muzzle velocity. Chamber pressure in the gun and downrange performance of the bullet is determined by a strange mix of folklore and computer programs. Unfortunately, most computer programs can only give old guesses displayed on the screen of a new computer. The Model 43 does much more; it actually *measures* pressure and measures downrange performance instead of *guessing.*

The Model 43 measures it all-

Muzzle Velocity · Proof Velocity · Peak Pressure · Pressure Rise Time · Pressure Curve · Area Under Curve · Time of Flight · Velocity at Target · Ballistic Coefficient · Group at Target Accurate Ballistics

PRESSURE READINGS

The Model 43 measures chamber pressure using a small strain gage glued over the chamber area of your gun. Measuring the inside and outside diameters at the gage location provides a realistic pressure scale for the readings. You can

reliably compare the pressure generated by your handloads with the pressures generated by factory ammunition fired in your gun. You can reliably compare the pressures from different handloads in the same gun. You can measure the pressures generated by wildcats where there are no standards or factory ammo available for comparison.

The Model 43 is not intended to measure SAAMI pressures.

VELOCITY READINGS

The Model 43 measures several velocity readings on each shot. You can measure both muzzle and downrange velocities, and you have two *PROOF CHANNELS* to go along with the primary readings.

Sample Chart of Test Data