

Bennett, Simply Better

SB-100 Bennett Retail Fuel Meters



The Bennett SB100 is the most widely used retail fuel meter in the world. It is currently used by over 30 fuel dispenser manufacturers in nearly every region of the world.



The SB100 has a well deserved reputation for unsurpassed reliability and accuracy. In recent laboratory testing, the SB100 consistently retained its calibration within 3ci after 1 million gallons. These tests were duplicated using fuel that was heavily contaminated with sand and soot to simulate conditions in the Middle East and other parts of the world where contaminated fuel is common. Again, the SB100 consistently retained calibration within 3ci after 1 million gallons.

Since our lab testing is so extreme, we are finding that the SB100 performs even better in real world application. In fact, recent field testing demonstrated that the Bennett SB100 Meter will consistently retain calibration well within Weights & Measures tolerances for periods exceeding 5 years. Test results calculated using 150K gallons per month at a typical 4 dispenser site using a linear scale over 5 years.

The quality and reliability of the SB100 is largely due to advances in technology. These advances have provided opportunities for Bennett to incorporate improved material components in an already mature and proven metering system.

Some of these advances include:

- Teflon embedded plunger seal that is positioned with the cup toward the fluid. This provides longer life and eliminates "blow-by" for superior overall performance and accuracy
- The SB100 bearings were selected for their un-matched durability in contaminated fuel
- The SB100 uses a direct drive to the Bennett Pulser which is equipped with an adjustable timeout feature for fuel theft prevention
- The SB100 is designed to resist the effects of hydraulic hammer even with flow rates in excess of 25GPM at the nozzle. This is critical since hydraulic hammer can significantly affect calibration in some of our competitors meters
- Bennett meters are also available in a variety of options, including manual or electronic calibration, flex-fuel compatible and with tamper-proof Safety Seal Wire
- Bennett QC testing includes air and fluid to ensure absolute "leak proof" quality
- New Stainless Steel Stop Pin virtually eliminates the possibility of "meter drift"
- The Bennett SB100 Retail Fuel Meter is Simply Better

