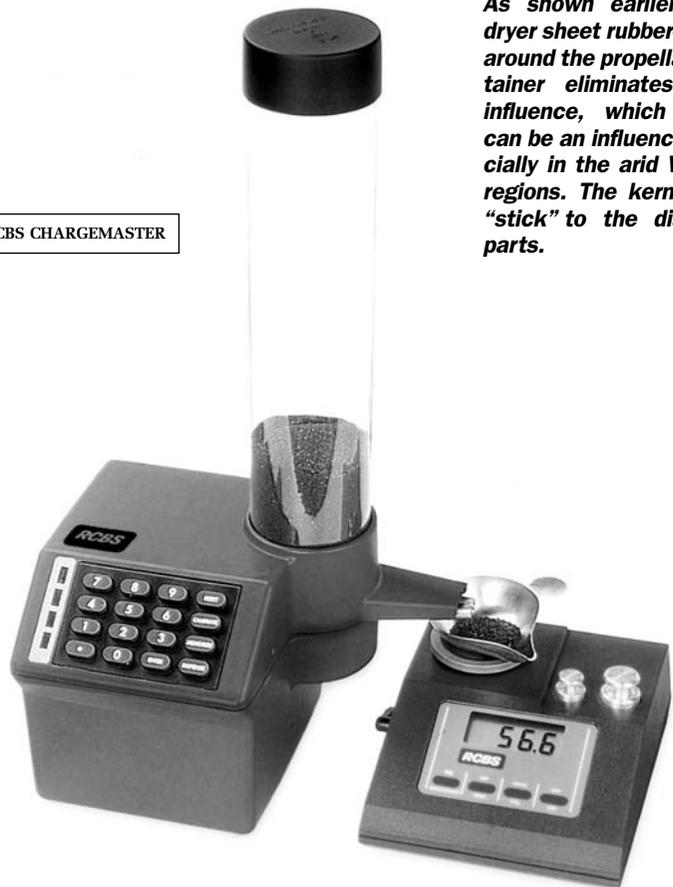


**DO NOT LEAVE PROPELLANT IN A METER!** Empty the hopper and then return the propellant to a sealed container when you're done for the day. That also goes for electronic dispensers and powder tricklers. I've done enough experiments weighing the "same" charge under different conditions to confidently tell you that the same volume of propellant won't always weigh the same. Moisture, pretty much, is the difference. Humidity is an enemy...

As shown earlier on, a dryer sheet rubber-banded around the propellant container eliminates static influence, which indeed can be an influence, especially in the arid Western regions. The kernels can "stick" to the dispenser parts.

RCBS CHARGEMASTER

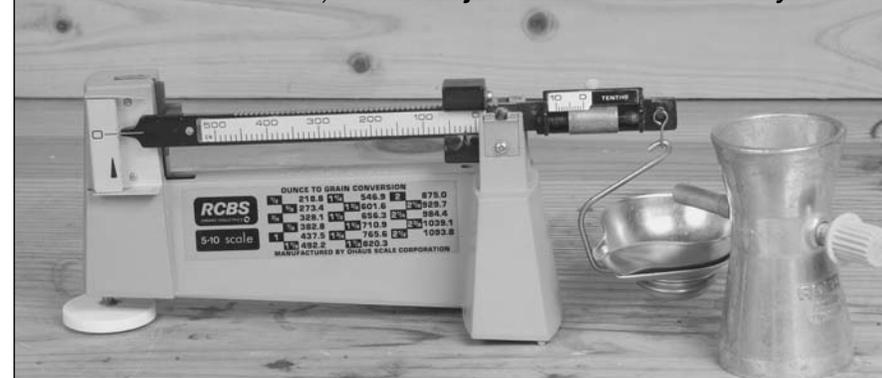


(based on feedback I got from the scale itself). That made me lose confidence in the volume of propellant that was being released.

I understand that the über-sensitive electronic scales that are linked in to the dispensers can be affected by temperature, pressure, humidity changes, and even interfered with via cell phones and laptops.

**A beam scale, even a cheap one, will be accurate.** Nicer scales are usually a matter of aesthetics. I have an ancient Redding scale that's spot-on, and extremely tedious because there's no magnetic damping to still down the arm.

**This is the minimum: a beam scale and a powder trickler (RCBS shown), oh, and a funnel. This scale is old now, but it works just fine. It's an RCBS made by Ohaus.**



No matter what you settle on for dispensing charges, you'll still need a scale. Anything that needs weighed, this is the tool: bullets, cases, and so on.

And about that... All the current beam-style scales I know of use magnetic damping. If you tippy-tap the scale arm enough times when there's a load in the pan, you'll see that the indicator will come to rest at various places because there might not be enough inertia to overcome the pull of the magnets. It's a teeny bit, and it's most noticeable on lighter and lighter loads, but it's there. For that reason, weigh a few times. It's one of the reasons for the root of my suggestion on how to best set a powder meter.

**As good as a funnel gets: Forster Blue Ribbon with long drop tube.**



There is an electronic dispensing device called a **Prometheus**. It's pretty amazingly good, but I'll let you research for yourself and decide for yourself. Just be sitting down when you see the cost. Gunderson is/was another. That's essentially a pharmaceuticals industry design.

I killed this topic to death and back twice in *HLC*: volume or weight? Meters dispense a propellant volume; scales indicate a propellant weight. Well, in chemistry, which is kind of sort of what we're doing here, weight is the standard for dispensing ingredients. Those ingredients are weighed via expensive scales in monitored environmental conditions. Depending on moisture, mostly,