**Black Powder Measures & Chargers**

**Powder Measure, 0 to 120 grain, brass……. #MAS-120 or MA-120**

Our brass measure is adjustable from 0 to 120 grains, clearly marked in 5 and 10 grain increments on the square shank, with brass knurled screw. This measure will last a lifetime. It can be purchased with an integral cut-off pouring spout, without spout.

- #MAS-120  measure, 0 to 120 grains, with spout  only $14.99
- #MA-120  measure, 0 to 120 grains, no spout  only $11.99

**Funnel & Swivel for powder measure, brass, only ……. #MAF**

Our brass funnel is fitted with a pinch-band swivel, to fit any 1/2" diameter powder measure. Convert your standard measure to our deluxe target grade measure. Funnel fits any measure or flask with a 1/2" diameter barrel. It is easily installed on your measure or flask. This funnel works well when mounted on our brass #MA-120 or #MA-200 measures without spouts.

- #MAF  brass funnel & swivel  only $10.50

**Black Powder Grains or Drams?**

Both are archaic English units of weight.

The King defined one English pounds as “Seven thousand plump grains of wheat.”

Thus, a one pound can of black powder is 7000 grains, or 100 charges of 70 grains.

Each pound is 16 ounces.

Each ounce is 16 drams.

Thus, one dram is 27-1/3 grains.

Charge pistols with one half to one grain of FFFg per caliber, 25 to 50 grains for .50 caliber.

Charge rifles with one to two grains of FFFg per caliber, 50 to 100 grains for .50 caliber.

Charge shotguns with one to two grains of Fg per caliber, 60 to 120 grains for .62 caliber or 20 gauge (2 to 4 drams).

**Old Fashion Powder Measures …………….. #M-(specify grains)**

Originally called “finger chargers”, these small brass tubes have a lanyard loop in the butt end, and may be shortened to the exact charge you desire, using a plumber’s tubing cutter. Polished solid brass, made in the U.S.A.

- #M-020  measure for 20 grains, brass  only $2.99
- #M-030  measure for 30 grains, brass  only $2.99
- #M-040  measure for 40 grains, brass  only $2.99
- #M-050  measure for 50 grains, brass  only $2.99
- #M-060  measure for 60 grains, brass  only $2.99
- #M-075  measure for 75 grains, brass  only $2.99
- #M-090  measure for 90 grains, brass  only $2.99
- #M-100  measure for 100 grains, brass  only $2.99
- #M-110  measure for 110 grains, brass  only $3.50
- #M-125  measure for 125 grains, brass  only $3.50
- #M-150  measure for 150 grains, brass  only $3.50
- #M-200  measure for 200 grains, brass  only $3.50

**Measure Spouts, for flasks and valves:**

Brass tubes, calibrated to dispense correct charges of Black Powder or Pyrodex. Threaded 10-1mm to fit our powder cap valves and our larger powder flasks.

- #SP-015  brass spout, throws 15 gr.  $2.99
- #SP-020  brass spout, throws 20 gr.  $3.29
- #SP-025  brass spout, throws 25 gr.  $3.29
- #SP-030  brass spout, throws 30 gr.  $3.29
- #SP-035  brass spout, throws 35 gr.  $3.79
- #SP-040  brass spout, throws 40 gr.  $3.79
- #SP-050  brass spout, throws 50 gr.  $3.79
- #SP-060  brass spout, throws 60 gr.  $3.79
- #SP-075  brass spout, throws 75 gr.  $3.79
- #SP-090  brass spout, throws 90 gr.  $3.99
- #SP-100  brass spout, throws 100 gr.  $3.99

**Powder Can Caps:**

This brass powder valve fastens to the Goex Black Powder can and has a free flow nose which is designed to fill adjustable or fixed powder measures.

- #Powder-Cap-V  cap, with measure valve  only $11.99

Our tin cap has a brass spout to pour powder directly into your measure, refill your horn, or top off your flask. This cap fits the new GOEx black powder cans, metal SWISS black powder cans, and others.

- #Powder-Cap-B  cap, with spout  only $2.99
- #Powder-Cap-F  cap, with free flow valve  only $11.99

© 2012, Track of the Wolf, Inc.