

## Air Guns

Every time an old gun broke, I had to get a new one. As the result, I have used four air guns by now in total. It is referable to the reason that air guns are somewhat fragile, not sturdy.

All the four air guns have common parameters as below.

Caliber is 4.5mm. Bullet is 4.5mm steel BB (Bullet Ball). Power source is 12 gram CO2 cylinder.



Manuals (Sorted old (left) to new (right; working now))  
UMAREX Heckler & Koch, UMAREX P.08, UMAREX SA10, Daisy 426



Pellgun oil (one drop on top of CO2 cylinder before loading), Copper coated steel BBs, CO2 cylinders





UMAREX Heckler & Koch (Up-left), UMAREX P.08 (Up-right), UMAREX SA10 (Low-left), Daisy 426 (Low-right)

### UMAREX Heckler & Koch



A cartridge clip can store 23 BBs (Consecutive 23 shots available).



## UMAREX P.08



A cartridge clip can store 20 BBs (Consecutive 20 shots available).  
So Heavy. Big bang. A silencer is needed.

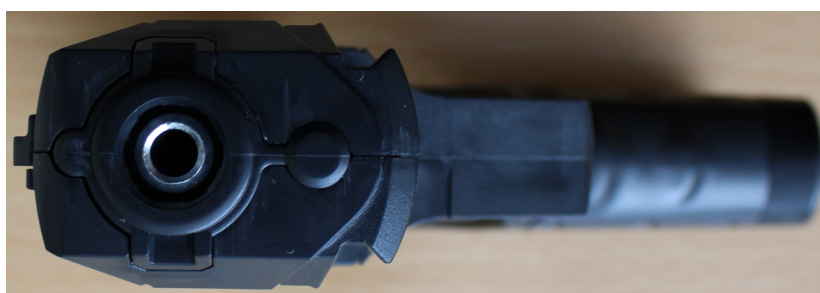
## UMAREX SA10



A cartridge clip with a spinner stores only 8 BBs. Lower three spinners are for replacement. Cumbersome.



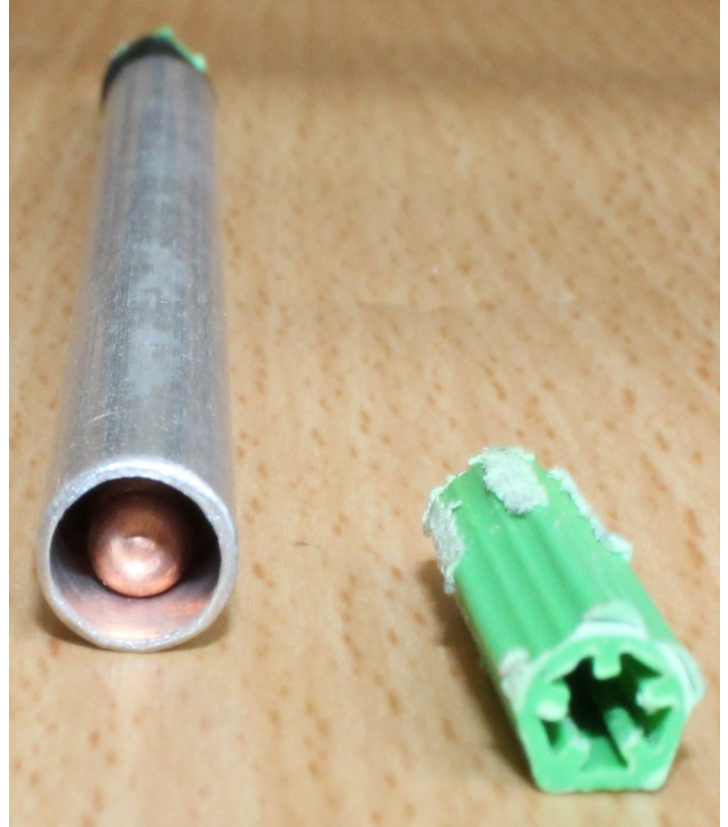
## Daisy 426



15 BBs can be loaded without detaching magazine. So easy BB loading. Light. Bang is silent.  
"Daisy 426" is a best air gun out of four guns I have ever used as well as less expensive cutting out extra frills.



## Homemade BB Container/Loader



I diverted 8mm aluminum rod from UHF antenna element. This extraordinary tool helped loading BBs a lot.

## Cylinder Push up Knob

By rotating a cylinder push up knob, cylinder-top gets punctured and pressured CO2 flows into blast-off chamber.



UMAREX Heckler & Koch, UMAREX P.08, UMAREX SA10, Daisy 426

UMAREX HK needs a hex key. UMAREX P.08 and SA10 uses fragile plastic + cross iron bar. Actually, P.08 plastic knob came apart. It's fatal.

Daisy 426 uses sturdy cast aluminum made in Japan.

All UMAREX showed leaky CO2 behavior unlike Daisy 426 proved very less CO2 leak.



## Safety Trigger Lock



UMAREX Heckler & Koch



UMAREX P.08



UMAREX SA10



Daisy 426

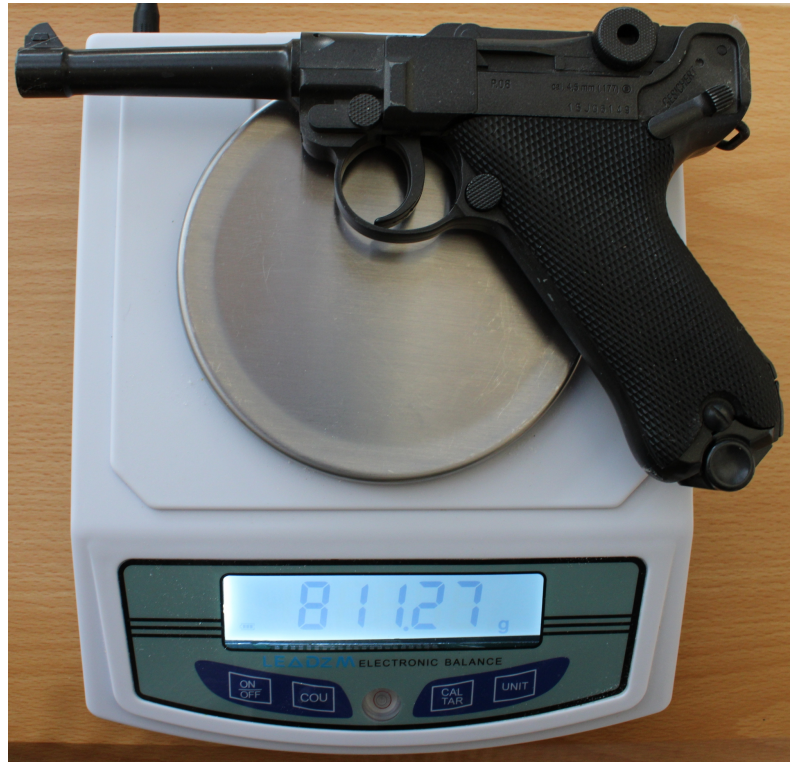
Daisy 426 is the simplest, a push button, and easy to handle.  
The simple one is the best as Apple products pursues.



## Weight Comparison



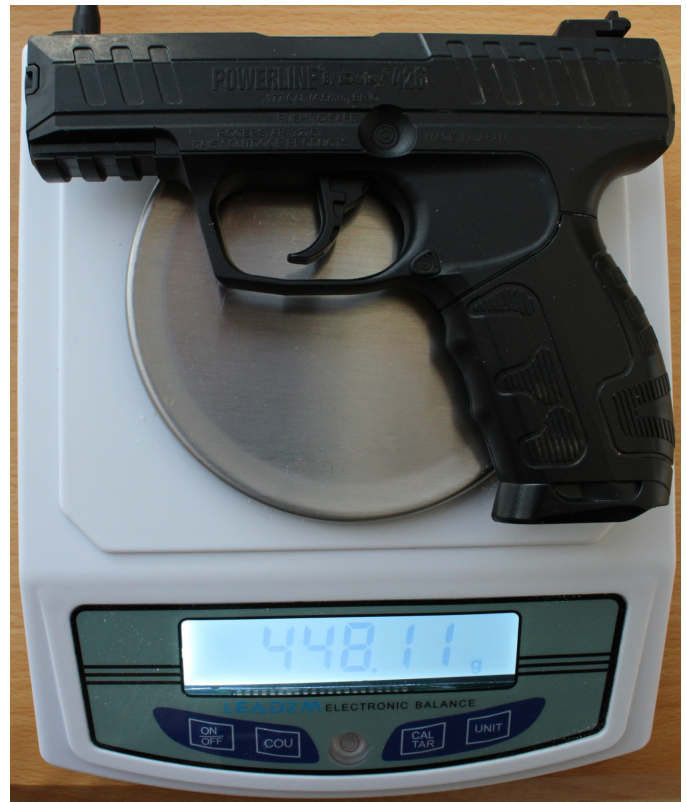
UMAREX Heckler & Koch (592 gram)



UMAREX P.08 (811 gram)



UMAREX SA10 (961 gram)



Daisy 426 (448 gram)

Daisy 426 is the lightest.

UMAREX SA10 is 2.15 times heavier than Daisy 426.

My conclusion is that Daisy 426 is the best air gun out of four guns I actually used in days.