

Tech Topics

In this column, we examine new tools and tooling, tips and techniques, and news items of interest to the gunsmithing community.

Keeping Bores Clean and Rust Free with a Gas

In the November 1999 issue, we reported on a synthesized product called Militech 1, a metal conditioner that makes a significant contribution to firearm function by reducing friction. Militech is applied to all inner and outer surfaces of a clean firearm including the bore and excepting the wood. Then enough rounds are fired to warm the gun. This enables the

product to bond with the metal and keep it lubricated. There is no oily residue. There are fewer jams, higher muzzle velocities, less wear, and time spent in subsequent cleaning is cut by about 50 percent.

By using Militech in conjunction with a product we spotted at the 2003 NRA Meetings, you can add to that percentage, bringing cleaning time down by 75 to 80 percent.

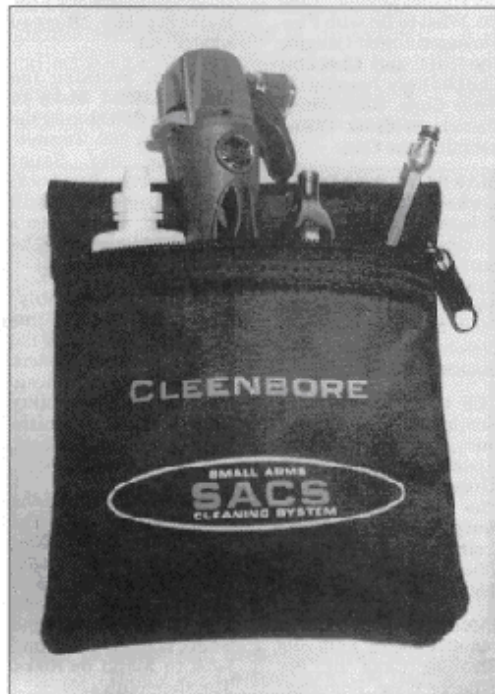
The booth had a banner that read "Cleenbore, USA." It was manned by

a tall man with reddish hair and beard and a Glasgow brogue to make any born Scotsman feel right at home. On the counter before him were a M1911-A1, a .38-caliber revolver, a 9mm pistol. Also on the counter were several little cylinders that looked like they'd been punched out of foam insulation, a couple of CO₂ cartridges, some elbow-shaped pieces of black plastic tube, a gizmo with a trigger near its upper end, and a 4-ounce bottle of Militech 1.

In response to my question about what all this was for, our host picked up the M1911, squeezed a foam cylinder into one end of a plastic elbow that was attached to the gizmo at its opposite end, inserted the elbow—spongy cylinder first—into the barrel of the pistol through its ejection port, and pulled the gizmo's trigger. The little cylinder popped out the muzzle and bounced harmlessly on the counter.

During the brief process, the Glasgow man explained that this was the Cleenbore Small Arms Cleaning System (SACS) that used compressed gas instead of brushes and harsh solvents to clean a bore. He picked up another foam cylinder, added a drop of two of the Militech 1, repeated his previous steps, and announced that the bore was now not only clean, but lubricated to protect it under all environmental conditions. There would be no rust because the product repels water. This sounded

Below left: The Cleenbore Small Arms Cleaning System starter kit includes a power pump, CO₂ cartridge, a small squeeze bottle of Militech 1, and a cleaning straw for blowing loose debris from a firearm. Below right: A CO₂ power pump is shown with the 9mm/.38 adaptor attached. Cleaning wads are tipped with a Scotchbrite-like material. Lubricating wads are plain foam.





Above: The bore of this Dan Wesson .38/.357, dull with powder residue, came whistle clean and was protected against rust after using one cleaning wad and one lubrication wad.

good as far as handguns were concerned, but how about rifles and shotguns?

Well, Cleenbore presently has adaptors and cleaning/lubricating wad kits for 9mm, .38/357, .45 ACP, .223, .243, .270 WSM, .300 WSM, .7mm WSM, 303, .308, .30-06, .40 S&W, 10mm, .45 Long Colt, 12 Gauge, and is working on other calibers. The gizmo with the trigger is officially called a CO₂ Power Pump. It is one item in a starter kit that includes the pump, a CO₂ cartridge, a small bottle

of Militech 1, and a straw for the pump that's used to blow loose debris from the weapon. These items are all contained in a compact storage pouch. All that's needed to go from caliber to caliber are the appropriate adaptors and cleaning/lubrication wads. We think this system is a handy one to add to the inventory of any shop where time always seems to be running short and storage space for assorted cleaning supplies is at a premium.

The Cleenbore Small Arms Cleaning System and Militech 1 are both available from Lanigan Performance Products (888/292-0006 or www.laniganperformance.com). The cost for the starter kit is \$34.95, with additional adaptors and wad refills priced at \$9.95 per caliber.

The Cleenbore Small Arms Cleaning System and Militech 1 are both available from Lanigan Performance Products (888/292-0006 or www.laniganperformance.com). The cost for the starter kit is \$34.95, with additional adaptors and wad refills priced at \$9.95 per caliber.

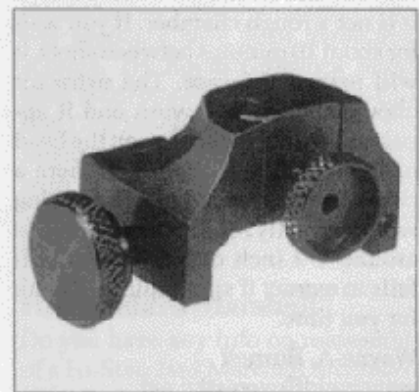
New Peep Sight for Weaver Bases from NECG

A new peep sight that utilizes popular Weaver mounts is now being offered by New England Custom Gun Service (438 Willow Brook Road,

Plainfield, NH 03781; 603/489-3450; www.newenglandcustomgun.com). The Weaver Top Mount has been around for many years, and a great many scopes have been mounted with this inexpensive yet reliable mount. The new NECG Weaver Peep Sight will fit both old and new Weaver bases, as well as the newer generic bases on the market.

When the scope is removed, the peep sight can be easily attached. An inexpensive rear Weaver base can also

Below: NECG's new peep sight fits both old and new Weaver bases and can be easily mounted in the field.



be purchased to attach the sight. The NECG Weaver Peep Sight comes with two disks (.093- and .125-inch hole diameters), with two elevation slides for low and high sight lines. Windage is adjusted with an Allen wrench (included), and elevation is set with a small screwdriver. After sighting in, the elevation slide is locked by tightening the disk, and windage is locked by tightening two screws.

The sight is precision machined from high quality steel, polished, and blued. It is attractive, yet rugged and compact, and can easily be carried in the shooter's pocket and mounted in the field when conditions call for open sights. The sight is ideal for use under poor lighting conditions and for shooters with diminished eyesight.

The NECG Weaver Peep Sight retails for \$80, and is available direct from NECG or from Brownells. ■

YES! Please send me **American Gunsmith** binders @ \$8.95 each. Shipping and handling are free.

My check is enclosed.
(Sorry, we cannot bill for binders.)

Amex VISA MasterCard

ACCOUNT # _____

SIGNATURE _____ EXP. DATE _____

NAME _____

ADDRESS _____

CITY/ST/ZIP _____

MAIL TO: **American Gunsmith** READER SERVICES
PC BOX 22251 ♦ BEACHWOOD OH 44122 ♦

ENCLAVE

(PLEASE ALLOW 4-6 WEEKS FOR DELIVERY)

