



# THOMPSON/CENTER ARMS

# Insta-SIGHT

REVOLUTIONARY NEW "SPEED SIGHT" OFFERS UNEQUALED SPEED AND PRECISION PLUS INSTANT REFLEX AIM!

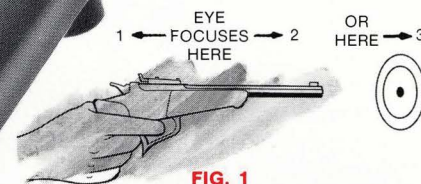
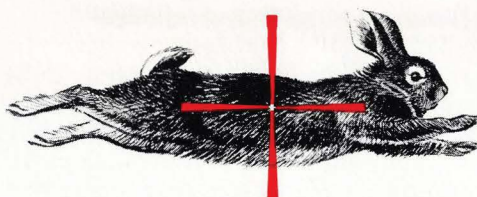


FIG. 1

WITH IRON SIGHTS THE EYE MUST LOCATE AND ALIGN THREE DIFFERENT COORDINATES AT VARYING DISTANCES.

Your eye cannot focus on all three simultaneously. It must perform a series of visual gymnastics (jumping back and forth) in its effort to coordinate all points.

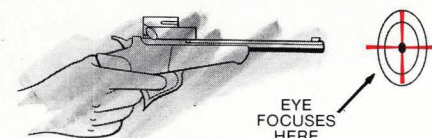


FIG. 2

WITH INSTA-SIGHT THE EYE FOCUSES ON THE TARGET ONLY.

With the Insta-Sight you do have two elements (crosshair and target) to align but they appear at the same range! You simply overlay one on the other and fire!

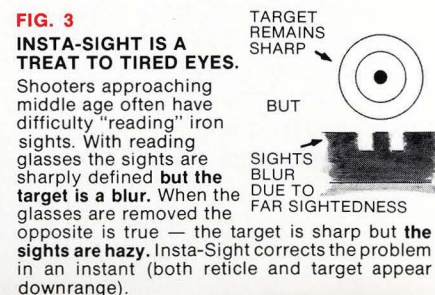


FIG. 3  
INSTA-SIGHT IS A TREAT TO TIRED EYES.

Shooters approaching middle age often have difficulty "reading" iron sights. With reading glasses the sights are sharply defined but the target is a blur. When the glasses are removed the opposite is true — the target is sharp but the sights are hazy. Insta-Sight corrects the problem in an instant (both reticle and target appear downrange).

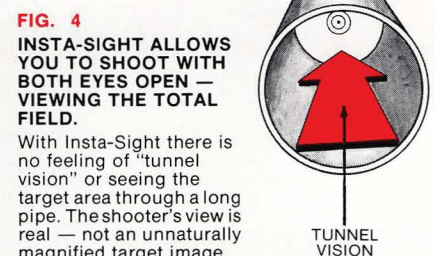


FIG. 4  
INSTA-SIGHT ALLOWS YOU TO SHOOT WITH BOTH EYES OPEN — VIEWING THE TOTAL FIELD.

With Insta-Sight there is no feeling of "tunnel vision" or seeing the target area through a long pipe. The shooter's view is real — not an unnaturally magnified target image.

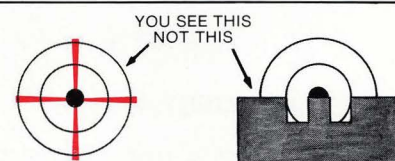


FIG. 5

INSTA-SIGHT DOES NOT BLOCK YOUR VIEW OF THE TARGET AREA.

Hunting iron sights must be adjusted so that the point of aim and the point of impact are identical — consequently conventional sights block out some fifty-percent of the target.

SEE THE FULL FIELD OF VIEW. SHOOT WITH BOTH EYES OPEN. SIMPLY PLACE THE CROSSHAIRS ON THE RUNNING OR STATIONARY TARGET AND TOUCH OFF THE SHOT!

Based upon modern optical principles, the INSTA-SIGHT incorporates speed, precision, low-profile and light weight into a single sighting device. **It is not a scope!** There is no magnification — no tunnel vision and no limited field — no viewing of the target in an amplified world. **It is not an iron sight!** There are no multi units to visually coordinate (rear sight, front sight, target, etc.), no blurring of vision (Crosshairs and target are on the same plane), no obstruction of the target view. INSTA-SIGHT is a new and different kind of sight which allows you to aim and to shoot as quickly, accurately and simply as pointing your finger.

The INSTA-SIGHT employs patented interacting optical systems which have their elements mounted in a main housing and an adjacent horizontal tube. By arranging the housing and the tube in a side-by-side configuration, a very streamlined, yet practical, design has been obtained (only 2 3/4" long and 1 1/4" high). Featuring rugged steel construction with a reticle system that **will not shake loose under recoil**, this sight is completely weatherproof (nitrogen filled) and shock proof. Bases available for Contender and other popular handgun models. See additional information on the reverse side of this sheet.

INSTA-SIGHT No. 8500

(less base—see base selection on reverse side) . . . . .

**\$73.00**

## SPECIFICATIONS:

Magnification: None  
 Eye Relief: 0-36" (0-91.3 CM)  
 Viewing Diameter: .562 (14.3 MM)  
 Length: 2.75" (70 MM)  
 Width: 1.45" (37 MM)  
 Height: 1.25" (32 MM)  
 Weight: 5 oz. (141.25 grams)  
 with Base 6 oz. (170.10 grams Max.)

Elevation/Windage Adjustment:

Calibrated for 1" change at 50 yds. for each increment. Maximum adjustment +/- 21" at 50 yds.

Reticle Width:

1.5" at cross wire intersection at 50 yds.

Reticle Type:

Open center, tapered crosswire. Bright green in color.

Usable Temperature Range:

-45° to 180° F

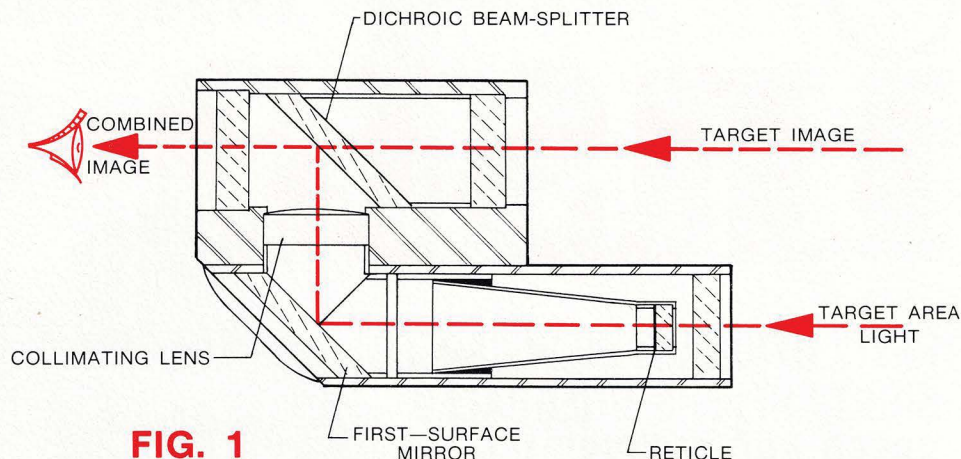
Optical System:

Coated for low reflection and nitrogen filled to prevent internal fogging.



# HOW THE **insta-SIGHT** WORKS

The main housing is used for viewing the target/crosshair picture and contains an optical system consisting of a dichroic beam-splitting mirror and two low-reflection coated windows (Figure 1). The dichroic mirror allows the shooter to view the target image and the crosshair image simultaneously through the same bore and the two windows protect the mirror from dirt, dust, wear and weather.



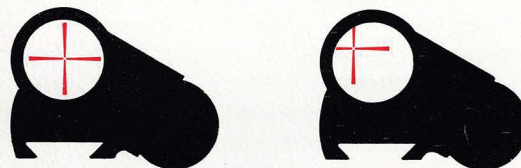
**FIG. 1**

The adjacent tube contains the optical system that generates a crosshair image in focus with the target and parallax free at 50 yards. The system is comprised of a perforated metal disc (reticle), a protective window, an adjustable mounting tube, a first surface aluminum mirror, and a collimating lens.

Ambient light from the target area passes through the protective window and reticle perforations to form a crosshair pattern of light. The first surface mirror deflects the light pattern to the lens which collimates or makes parallel the light rays of the reticle pattern. The collimated reticle image has parallel light rays and is in focus to the human eye at 50 yards.

In the Insta-Sight, the light rays of the target image and the crosshair image are parallel and eye position or focus are no longer a problem. The parallax-free crosshair, which is in focus with the target, eliminates the need for the eye to be exactly aligned with the sight bore and crosshair in the center of the window. Either of the positions shown in Figure 2 or any position of the crosshair within the sight window will give "X-Ring" hits if the firearm is properly sighted-in.

**FIG. 2**



*Lifetime Warranty*

**THOMPSON/CENTER  
ARMS**

FARMINGTON ROAD

ROCHESTER, NEW HAMPSHIRE 03867

Manufactured in the U.S.A. under one or more of the following patents: 3,915,552; D-240,457; other patents pending.

## BASE SELECTION CHART

<b>INSTA-SIGHT BASE FOR CONTENDER</b> Fits all Contender barrels except vent rib models. Drilling and tapping not required.	<b>No. 8501</b>	<b>\$8.75</b>
<b>INSTA-SIGHT BASE FOR SMITH &amp; WESSON</b> Fits Models 14, 15, 17, 18, 19, 25, 27, 28, 29, 30, 48, 57, 66 and 67.	<b>No. 8505</b>	<b>\$8.75</b>
<b>INSTA-SIGHT BASE FOR RUGER</b> Fits Blackhawk, Super Blackhawk and Super Single Six.	<b>No. 8506</b>	<b>\$8.75</b>
<b>INSTA-SIGHT BASE FOR DAN WESSON REVOLVERS WITH ADJUSTABLE SIGHTS</b> Fits all adjustable sight models.	<b>No. 8507</b>	<b>\$8.75</b>
<b>INSTA-SIGHT BASE FOR COLT</b> Fits Python .357 Magnum, Trooper, Officers Match Model and New Frontier.	<b>No. 8508</b>	<b>\$8.75</b>