

# REALITY

RATINGS & REVIEWS | practical • unbiased • trusted  
35<sup>TH</sup> anniversary

## The Ratings | Magnification Systems

# Micro4.5EF Scopes

### Manufacturer

*Designs for Vision*

[www.designsforvision.com](http://www.designsforvision.com)

### Prices

\$2,195.00-\$2,270.00

Includes:

- Frame
- Carrying case
- Side shields
- Retainer strap
- Plain or single prescription lenses

Options:

- UV filter: \$100.00
- Titanium or fashion frames: \$100.00



### Free Trial

45 days

### Warranty

Limited lifetime

### Raves & Rants

- ✓ Great resolution at 4.5x
- ✓ Lowest weight for 4.5x
- ✗ No flip-up option
- ✗ Local reps in at least two areas were not capable of providing the proper adjustments

2021

**REALITY**

RATINGS & REVIEWS

Five Star Award



★★★★★ 4.7

## Introduction/ Manufacturer's Claims

Expanded field, prismatic loupes with rectangular shape to the actual telescopes to increase your peripheral vision.

From an overall design perspective, half of the evaluators really liked them, while the other half thought they were acceptable.

When it comes to comfort, most (70%) evaluators found them to be really good, 10% thought they were acceptable, and 20% did not find them to be comfortable, with one evaluator commenting that they did not rest well on the bridge of the nose and the same evaluator considered the nose pads to be irritating. On the other hand, another evaluator was impressed with the comfort due to the loupe's light weight.

Note: Nose pads on loupes can be adjusted to fit more comfortably. Indeed, loupes in general can require various types of adjustments just like ordinary corrective lenses. When you receive your loupes, it is quite common to require the local representative to come to your office to provide whatever adjustments are necessary.

## Types Of Loupes

**TTL (prisms).** All evaluators thought the quality was really good.

Some comments:

- I was expecting less light throughput due to the higher magnification. I was pleased that they were not that dark!
- Not really good, superb. Best I have ever used, and I have about 7 pairs.
- These people have been at this for a while. They are high quality and will last for years.
- Seem durable.

Concerning the wide field claim, most (60%) of the evaluators agreed that it is exceptional, while the other 40% thought it was acceptable. Size-wise, most (70%) evaluators considered it to be acceptable, while the other 30% found them to be smaller than other 4.5x models.

## Power

**4.5x.** The degree of magnification was considered to be really good by all evaluators.

## Weight

**3.7oz/104.9g** (with SkyView aluminum frames and side shields). This is lighter in weight than any 4.5x we have tested. Most (70%) evaluators considered them to be nice and lightweight, while the other 30% found them to be acceptable.

## Frames

Standard frames are the thick black aluminum that these loupes made famous. They definitely give you a retro-nerd look in a sophisticated manner, but those who are used to contemporary frames will not like them. However, you can also choose among various "fashion" frames from DVI and Nike in black, white, merlot, magenta, red, tortoise, gray, purple, brown, navy, gold, silver, blue, copper, pink, and titanium. The nose pads are flexible, while the retainer strap is the type that slips over the ends of frame. It can be tightened to help hold the telescopes in position or loosened to allow them to hang around the neck.

Half of the evaluators thought their choice of frame was really good, while the other half found it to be acceptable. Some comments:

- The frame is compact & sturdy. It serves the purpose well.
- It could be more rigid.
- It's a frame, a support system to hold the loupes.
- Large selection of frames for style, color and weight. You can easily individualize them, which is nice.
- Not comfortable.

## Packaging

Silver and matte black plastic case lined with antimicrobial black foam. The case has a secure fastener and keeps the loupes well protected. Most (80%) evaluators really liked the case, while the other 20% thought it was acceptable. Several evaluators praised the case as providing exemplary protection for the loupes, although one evaluator did not think the loupes fit very well.





## Strengths

Excellent quality. Clear and sharp images. Great optics. Magnification is a true 4.5x. Wide and good depth of field. Comfortable. Very lightweight for 4.5x. Large selection of frame styles and colors. Very good technical support and customer service in most locales.

## Weaknesses

One evaluator needed to take them to a local optician for proper fitting and alignment. Getting adjusted to 4.5x can take a while if you've been wearing a lower power. One evaluator did not find them to be comfortable. Another evaluator never could get the local rep to provide adequate adjustments.

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## BOTTOM LINE

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**Excellent optics, resolution, and lightweight along with true 4.5x magnification, but at this power (as with all high power loupes), having them adjusted perfectly is essential.**



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# Lightweight **Micro-EF Scopes** Prismatic Expanded Field Loupes



## Micro4.5EF Scopes™

4.5x expanded field magnification  
now in our lightweight design



Loupes	Micro4.5EF
Viewable Area	20 cm <sup>2</sup>
Field Diameter	5 cm
Angle of View	8°



Compare  
Magnifications



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### Precision Optical Coatings

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