

# LS20 Adjustable Temples Wrap Around Frame, Laser Safety Glasses



Stock #17-640 **1 In Stock**

- 1 + C\$406.<sup>00</sup>

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Volume Pricing	
Qty 1-5	C\$406.00 each
Qty 6-10	C\$365.40 each
Qty 11-25	C\$324.80 each
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**Product Downloads**

Curve.pdf EO Spec Sheet

[Download All](#)

## General

<b>Style:</b> Adjustable Temples Wrap Around	<b>EN 207/208 Ratings:</b> D LB6 and IR LB8 and M LB7Y @ 315 - 532nm, DIRM LB5 @ 533 - 535nm, DIRM LB5 @ 730 - 744nm, DIRM LB6 @ 745 - 750nm, DIRM LB7 @ 751 - 754nm, D LB7 and I LB9 and R LB8 and M LB8Y @ 755 - 1100nm
<b>Filter Material:</b> Polymer	<b>Filter:</b> LS20

## Optical Properties

<b>Optical Density OD (Average):</b> >8 @ 190 - 532nm >5 @ 730 - 1110nm >7 @ 745 - 1100nm >9 @ 753 - 765nm >10 @ 765 - 800nm >8 @ 801 - 980nm >10 @ 981 - 1065nm	<b>Color:</b> Amber
<b>Visible Light Transmission VLT (%):</b> 13	

## Regulatory Compliance

## Product Details

- CE Certified Laser Radiation Protection
- Designs for Ultraviolet, Visible, and Infrared Lasers
- Available in Eight Styles, Detailed Below

Laser Safety Glasses and Goggles feature high optical density at their specified wavelength range to protect against laser radiation. The durable lenses are molded with laser-protective absorptive dyes, causing accidental scratches to have no effect on their performance. Designs that protect against ultraviolet, visible, and infrared lasers are available. All Laser Safety Eyewear products are CE certified and come with a hard case, neck cord, and microfiber cloth.

Laser Safety Eyewear are available in eight styles:

**Laser Safety Goggles:** Fit over prescription glasses and are vented to prevent fogging, with a standard "lab goggle" shape.

**Fit Over Rx Glasses:** Fit over prescription glasses and have side-shields for a wide field of view.

**Adjustable Temples, Wrap Around Frame Glasses:** Feature a wrap around design with adjustable temple lengths and angle.

**Adjustable Bridge, Wrap Around Frame Glasses:** Feature a wrap around design with an adjustable bridge and comfort fit temples.

**Vented Fit Over:** Feature a more modern, vented design, meant to be worn over perscription lenses.

**Vented, Adjustable Temples:** Feature a more modern, vented design, with adjustable temples for increased comfort for long term use.

**1 + 1 Flip Up:** Features two different laser safety filters, one in the base frame and one in the flip up attachment. Ideal when working with more than one laser with largely different wavelengths.

**Rx Flip Up:** Features an empty base frame, allowing for the insertion of perscription lenses, with a laser safety filter in the flip up attachment.

**XL Fit Over Rx :** Features a larger frame size to fit over larger Rx glasses.

**Warning:** Because of the potential for eye damage, the degree of protection required in each circumstance should be determined by the Laser Safety Officer, the industrial hygienist, or the individual responsible for the safety program.

## Frequently Purchased Together



#17-644 - LS20 Fit Over Rx, Laser Safety Glasses  
C\$406.00

Qty



#56-992 - Mitutoyo to C-mount Camera 152.5mm Extension Tube  
C\$278.60

Qty



#87-228 - 20X Mitutoyo Telecentric Objective  
C\$4,571.00

Qty



#16-038 - 10mm Aperture, Protected Silver, Compact 506 Dual Axis Galvanometer Scanner  
C\$4,116.00

Qty

## Resources

### Media Type

- Video
- Glossary
- Application Note
- FAQ
- Scientific Paper

▶ VIDEO

Beam Combining for Increased Power

GLOSSARY

Pockels Cell

📄 APPLICATION NOTE

Beam Quality and Strehl Ratio

📄 APPLICATION NOTE

📄 APPLICATION NOTE

▶ VIDEO

Laser  
Resonator  
Modes

Simplifying  
Laser  
Alignment

Aligning  
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Beamshapers

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