

Miltex[®]

Redefining Excellence

MILTEX[®] LOUPE OPTICS AND FRAME DIRECTIONS FOR USE

**Instructions, warranty and cleaning for
Miltex[®] loupe optics and frame**

Please note that your loupes system arrives complete and requires no assembly!

Contents

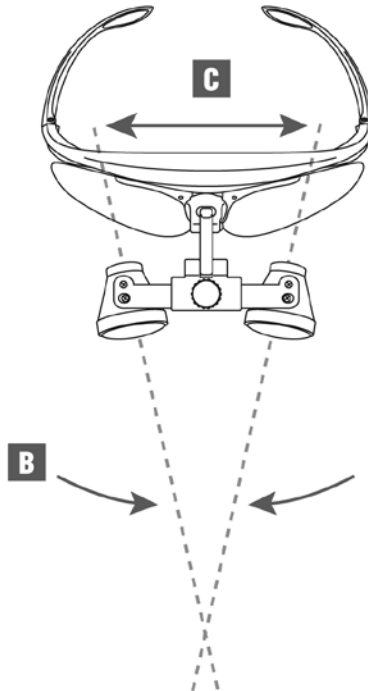
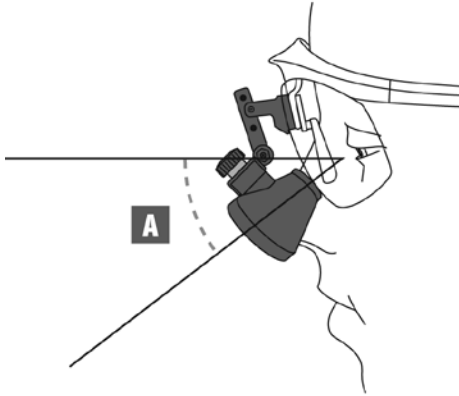
Inspect contents. If any item is missing, contact Miltex® customer support.

1. Loupe optics and frame
2. Head strap
3. Phillips screwdriver
4. Microfiber cleaning cloth
5. Lens cover
6. Cleaning solution
7. Storage case



Loupe Adjustments

- A. Declination Angle
- B. Convergence Angle
- C. Interpupillary Distance (distance between the pupils)



Indications: The loupes may be used to magnify a specific working field.
Loupes are designed for multiple use and are non-sterile.

R
ONLY Caution: Federal law (USA) restricts this device to sale by or on the order of a physician

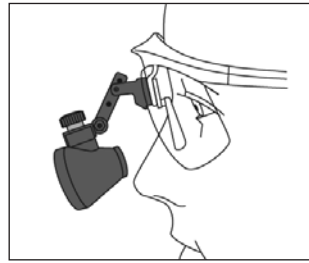
Precautions

The loupe optics should be worn as close as possible to your eyes to achieve the greatest field of view and declination angle. When adjusting, the ocular lens should be against or close to the eye shield with the loupes between a 45° and 60° angle.

Incorrect loupe position decreases field of view and declination angle.



Correct loupe position

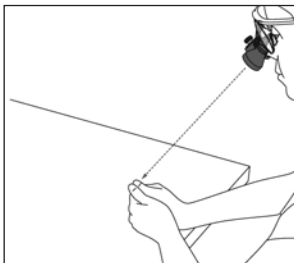


Incorrect loupe position

Step By Step Directions

1. Focusing

1.0 Loupe optics have a preset focal distance. An easy way to determine the working distance of the loupe optics is to view your thumbs while moving them in and out of focus.



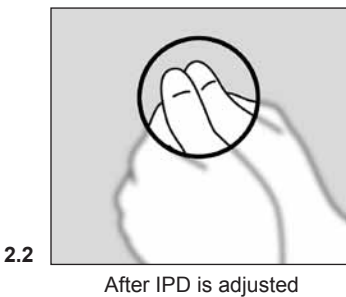
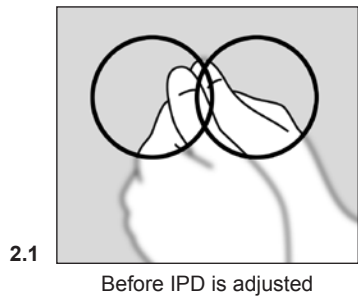
1.0

2. Adjusting IPD

2.0 With the Set and Forget™ feature, the only adjustment that is usually needed is to set the IPD (Interpupillary Distance). While focusing on an object, pull up on the Interpupillary Adjustment Knob and rotate, moving the optics apart and together. Look at the outside rings of the field of view when adjusting the IPD.

2.1 Focus on an object with the optics far apart.

2.2 Bring the optics together until a single circle is observed. When a single circle is observed the IPD is set.



3. Convergence Angle Test

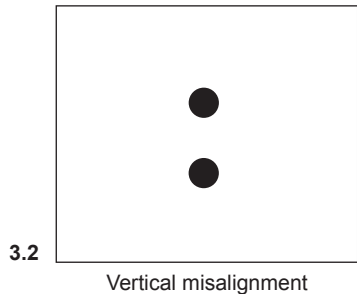
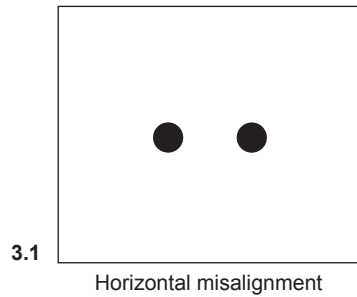
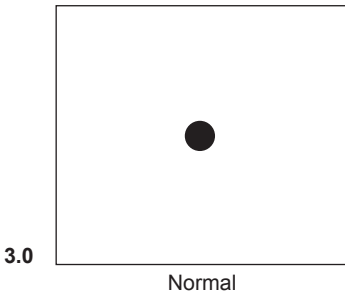
The convergence angle of the loupe optics is preset according to the working distance.

3.0 To test the convergence angle, draw a single dot on a piece of paper.

Focus on the dot with the loupe optics at the proper working distance. The convergence settings should not require adjustment unless two dots are seen.

3.1 Two horizontal dots indicate horizontal misalignment. Proceed to step 5 to correct the convergence angle.

3.2 In the rare case that two vertical dots indicate a vertical misalignment, the loupes should be returned to Miltex for adjustment.



4. Adjusting Convergence Angle

Before adjusting the convergence angle, set the IPD (see step 2). Then, follow the instructions in step 3.0. There is a convergence error if two horizontal dots are seen. Rotate the lens barrels to eliminate the horizontal convergence error.

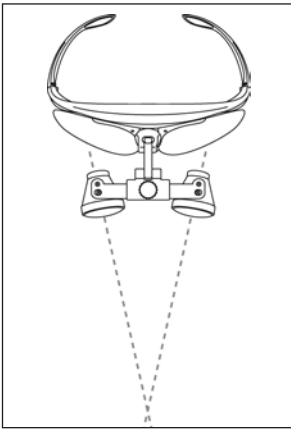
4.0 To adjust the horizontal convergence angle, first look downward at the loupe optics from the top to see if the barrels are equally angled.

4.1 Barrels out of alignment will appear asymmetrical.

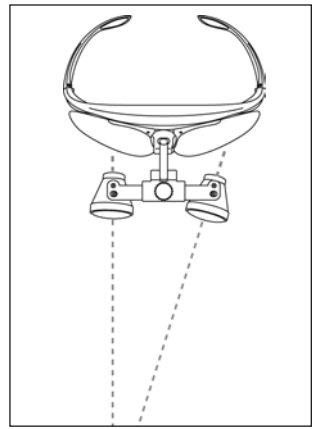
4.2 If a barrel seems out of alignment, loosen both convergence adjustment screws with a Phillips screwdriver.

4.3 Adjust one or both barrels so they are pointing slightly and equally inward.

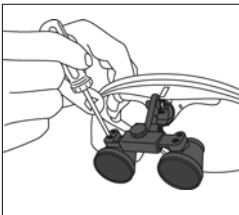
4.4 Slightly tighten both screws to keep them in alignment. Focus on the dot from Step 3. If two dots are still seen, repeat steps 4.0 through 4.4 until one dot is seen and both barrels are pointing inward equally. Once set, tighten both convergence screws on each barrel.



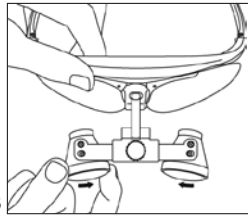
4.0 Barrels in alignment



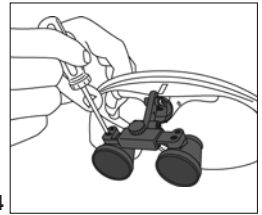
4.1 Barrels out of alignment



4.2



4.3



4.4

5. Cleaning and Disinfecting Lenses and Shields

Use the supplied cloth to clean the optical lenses and shields. A lightly moistened cloth with alcohol or eyeglass lens cleaner can also be used. **DO NOT WET OR IMMERSE THE OPTICAL LENSES IN WATER OR LIQUID.** For all other components such as the frames, nose pad and hinges, clean with an alcohol or disinfectant wipe. It is recommended that lens covers are used on the front of the loupes. These can be removed, cleaned thoroughly, dried and replaced on the loupes.

Warranty

Miltex warrants its products to be free of original defects in material and workmanship when used for intended purposes.

Warranty Exclusions:

- Breakage or failure due to tampering, misuse, neglect, accidents, modification or shipping
- If the instrument is not used in accordance with manufacturer's recommendations or instructions
- If repaired or serviced by other than Miltex or a Miltex authorized representative

Prompt inspection and reporting of missing or damaged product should be reported to shipping carrier and Miltex within 3 days of receipt of product.

If Miltex® products or any component thereof is found to be defective or at variance with the manufacturer's specifications during the warranty period, Miltex will repair or replace the instrument or component(s) at no cost to the purchaser. This warranty only applies to products purchased new from Miltex or its authorized distributors or representatives.

The purchaser must return the product directly to Miltex following the proper return procedures:

- RMA numbers are required for all repairs. Any instrument sent to Miltex, Inc. without an RMA number will be returned to the sender without having been evaluated or repaired.
- Contact our Customer Service Department to obtain an RMA number at 1-866-854-8300 or email us at customerservice@miltex.com. Please have the following information available when contacting Miltex to obtain an RMA number.
 - > *Account name and shipping address*
 - > *Contact name and phone number*
 - > *Part number and quantity*
 - > *Description of required repair*
 - > *Payment method*
- Distributors will need their customer account number and a valid purchase order number authorizing the repair service.
- End user facilities, such as Doctors, Dentists, Medical-Surgical Centers, should be prepared to make payment by credit card.
- Returns not received within 30 days of issuance of an RMA number will be cancelled.

Repairs should be sent to:

Miltex, Inc
Repair Department
589 Davies Drive
York, PA 17402
RMA # _____


NOTES


NOTES

Symbol Key

REF Reference Number

LOT Lot Number

 See instructions for use

 Caution: Federal law (USA)
restricts this device to sale by
or on the order of a physician

 Manufacturer

Distributed by:

Miltex[®]

Redefining Excellence

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York, PA 17402

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