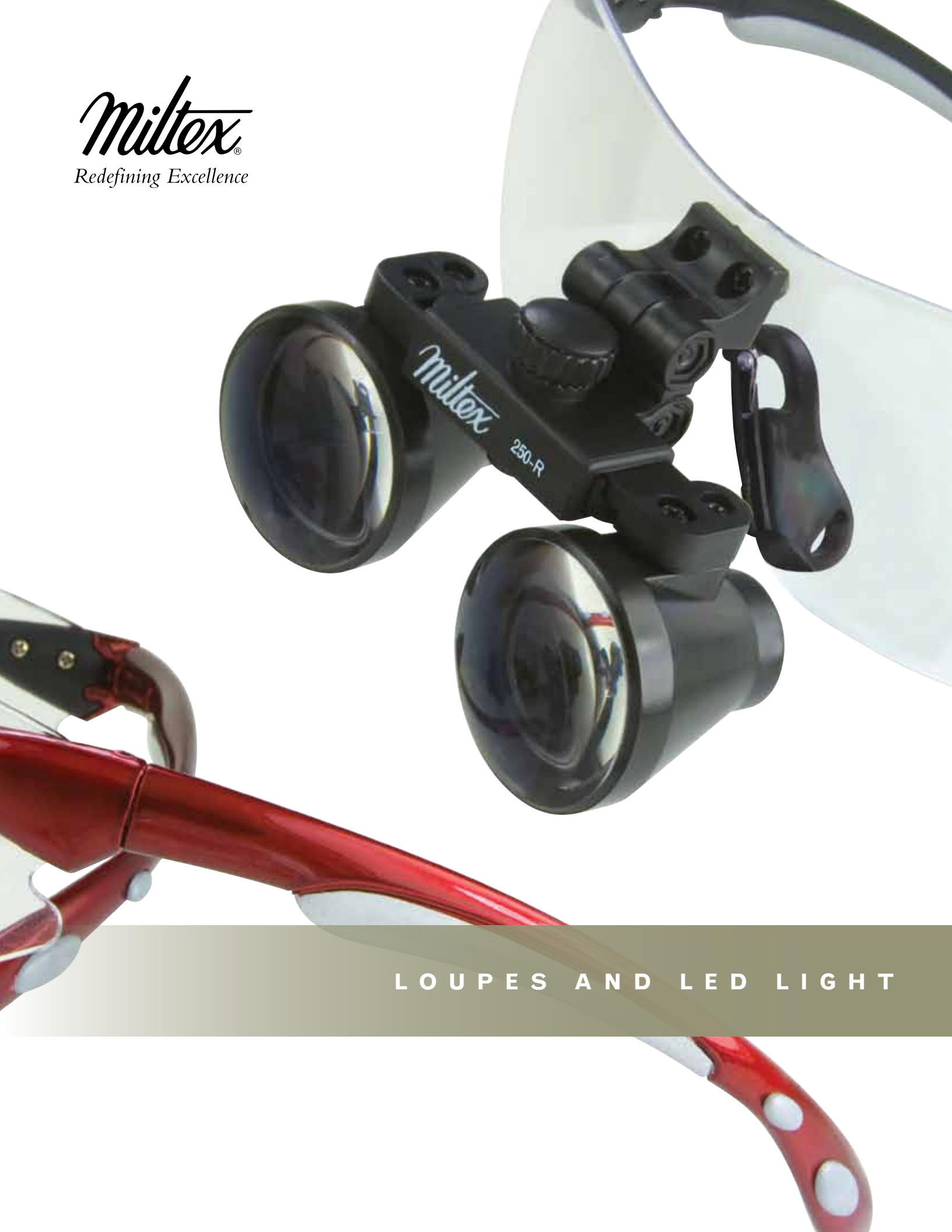
Miltex®

Redefining Excellence



LOUPES AND LED LIGHT

The Miltex® LED Loupes Light Affixes Easily To Your Miltex® Loupes!

Assembly Is Easy!

1. Pull off flip up paddle located on the locking knob.

2. Light will mount onto the loupes as the paddle does; simply push the grooved portion in between the locking knob.

3. Clip battery pack onto your belt.

4. Turn on and use!

MILTEX® LOUPES

FOR THE

SURGEON
ANIMAL HEALTH CLINICIAN
DENTIST
DENTAL HYGIENIST

MILTEX® OPTICS FEATURES AND BENEFITS

Miltex® optics are quickly and easily locked into your personal setting utilizing a unique locking knob. Our optics permit you to set your interpupillary distance, convergence and declination angle for perfect alignment. You get a custom fit even without individual measurement!

FEATURES	BENEFITS
Locking Knob Adjustment	*Optics are quickly and easily locked into place*
Dual Hinge Design	*Allows for easy flip up of optics*
Locking Interpupillary Knob	*Allows for secure adjustments of your settings*
Double locking convergence angle	*Provides stable alignment of optics*

Choosing The Right Loupes

FOLLOW THESE 2 STEPS FOR A PERFECT MATCH.

STEP 1: CHOOSE YOUR MAGNIFICATION.

If you are a new loupes user, start with the lowest power you need. Most professionals begin using loupes with a magnification power of 2.5X. Remember, as the magnification increases, the field of view, focal range and light transmission decreases.

STEP 2: CHOOSE YOUR WORKING DISTANCE.

All loupes are pre-set to focus at a certain distance and objects will remain in focus within a range of several inches. Miltex® loupes are available in 4 working distances: Short (10-13"), Regular (12-16"), Long (14-18") and Extra Long (16-20").

The 250 Series (2.5X) is the ideal general purpose optic. The 250 series optic will provide a magnified view of approximately 2.5 times the object size. Most first time loupes users choose this magnification.

The 300 Series (3.0X) is an ideal optic for those who have worked with a 2.5x magnification power optic and want an increase in power. The 300 series optic provides a view of the entire area of focus and has an excellent depth of focus.

The 350 Series (3.5X) is the highest magnification optic available in a compound lens design. The 350 series optic is an excellent choice for dentists and surgeons requiring high magnification in a lightweight loupes.

Suggested Loupes Guide

Discipline	Your Height		
	under 5'7"	5'7" to 6'4"	over 6'4"
Cardiac	3.0x/3.5x - Long	3.0x/3.5x - Long	3.0x/3.5x - X-Long
General Surgery	2.5x - Long	2.5x - X-Long	2.5x - X-Long
Maxillofacial	3.0x - Regular	3.0x - Long	3.0x - Long
Neuro Surgery	2.5x/3.5x - Long	2.5x/3.5x - X-Long	2.5x/3.5x - X-Long
Ophthalmology	2.5x/3.0x - Regular	2.5x/3.0x Long	2.5x/3.0x - Long or X-Long
Orthopedics (sitting)	2.5x- Regular	2.5x - Long	2.5x - X-Long
Orthopedics (standing)	2.5x - Long	2.5x - X-Long	2.5x - X-Long
Plastics (sitting)	3.0x - Regular	3.0x - Long	3.0x - Long
Plastics (standing)	3.0x - Long	3.0x - Long	3.0x - X-Long
Urology	2.5x - Long	2.5x - X-Long	2.5x - X-Long
Vascular	3.5x - Regular	3.5x- Long	3.5x - X-Long
Veterinary Dentistry	2.5x - Regular	2.5x - Long	2.5x - Long

Magnification Chart

Magnification	Working Distance	Miltex Part Number Loupe Kit with RED FRAME	Miltex Part Number Loupe Kit with BLACK FRAME
2.5x	10"-13" (S)	1-5000	1-5011
	12"-16" (R)	1-5001	1-5012
	14"-18" (L)	1-5002	1-5013
	16"-20" (XL)	1-5003	1-5014
3.0x	10"-13" (S)	1-5004	1-5015
	13"-16" (R)	1-5005	1-5016
	16"-21" (L)	1-5006	1-5017
	18"-22" (XL)	1-5007	1-5018
3.5x	13"-16" (R)	1-5008	1-5019
	16"-20" (L)	1-5009	1-5020
	18"-22" (XL)	1-5010	1-5021

Kit contents

1. Magnification Loupes and Frame
2. Storage Case
3. Flip Paddle
4. Lens Covers
5. Cleaning Solution
6. Screwdriver
7. Cleaning Cloth
8. Head Strap

Accessory items

1-5022 Loupes Rx (Prescription) Insert
1-5023 Replacement Loupes Red Frame
1-5024 Replacement Loupes Black Frame
1-5025 Loupes Flip Paddle

Loupes Rx insert lens steps

1. Bring insert to your Optometrist for personalized prescription

2. Remove nose piece from frame

3. Place insert behind frame shield; the insert snaps into pegs

4. Place nose piece back onto frame

LED Loupes Light Source

The Miltex® portable dental and surgical LED light source produces amazing brightness in a completely portable light. The small power pack is lightweight and uses Lithium Ion cells that can be quickly and easily recharged. The portable LED can be attached to most loupes systems.

Features	Benefits
High intensity portable dental and surgical headlight (80,000 Lux @ 14 inches)	Provides pure white light for true color rendition
Power pack design with external battery cells for quick changing Li Ion batteries (1 included)	Provides 4.5 hours of use on a single charge
Variable light intensity control	Allows for professional to adjust light as needed
Portable Headlamp Weighs only 0.7 ounces	Lightweight reduces pressure
Quick charger - 90% charge in 90 minutes	Reduced charging time
Flip up dental composite filter available	Prevents composite materials from curing

Choose your own manufacturer specific mount! (see next page for details)

Each unit comes complete with 1 each of the following:

1. LED Headlight
2. Battery
3. Battery Charger
4. Battery Power Pack (attaches to belt)
5. AC Adapter
6. Attach mount (varies per REF)

CHOOSE YOUR OWN MOUNT!

Manufacturer specific mounts come assembled on the lamp head

Use the simple chart below to choose the mount that matches your loupes!

REF	Description	Mount Type
15050	LED Loupes Light Unit	Miltex® loupes mount
15051	LED Loupes Light Unit	Orascoptix® loupes mount
15052	LED Loupes Light Unit	Sheervision® loupes mount
15053	LED Loupes Light Unit	Surgitel® loupes mount
15054	LED Loupes Light Unit	Large Universal mount
15055	LED Loupes Light Unit	Heine® loupes mount

NOTE: Not all mounts match all loupes.
Contact your Miltex® Representative to ensure compatibility.

THE FOLLOWING REPLACEMENT PARTS ARE ALSO AVAILABLE:

REF 15061
Flip-Up Dental Composite Filter

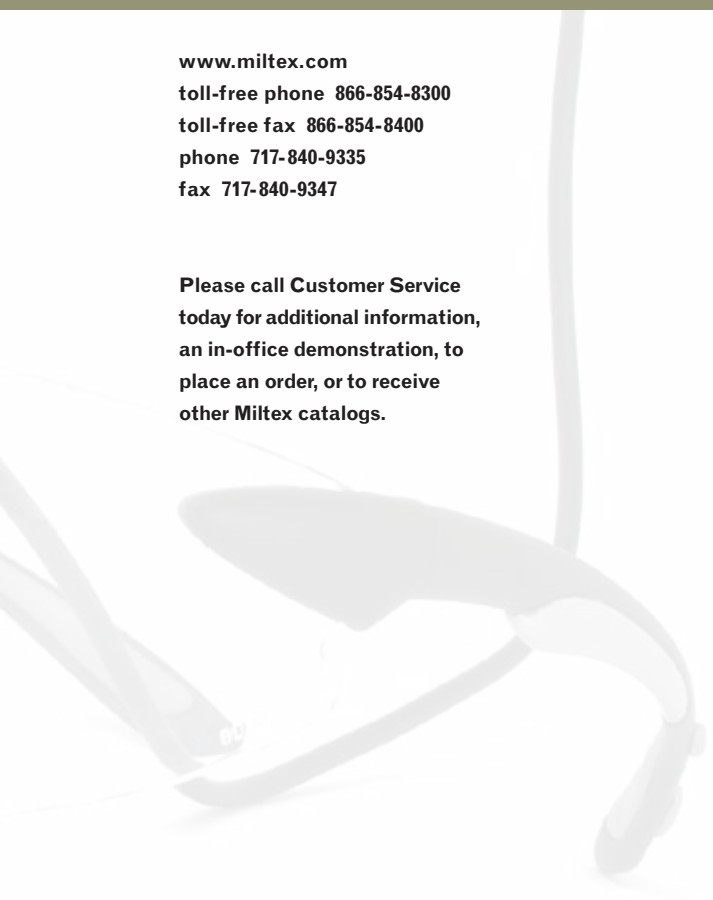
REF 15057
Ion Battery

REF 15056
Replaceable Cable

INTEGRA™
Miltex

www.miltex.com
toll-free phone 866-854-8300
toll-free fax 866-854-8400
phone 717-840-9335
fax 717-840-9347

Please call Customer Service today for additional information, an in-office demonstration, to place an order, or to receive other Miltex catalogs.



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