



Practicon® **Spot-On™** **Ultra Headlight**

Instructions for Use



Thank You

Thank you for your purchase of the **Spot-On Ultra Headlight**, the ultra-compact, rechargeable headlight that weighs only 1.2 oz.! Clip Spot-On Ultra to any eyewear and enjoy crisp, clean, “spot-on” illumination with nearly weightless convenience.

At the heart of the Spot-On Ultra Headlight is a superior, US-made Cree® LED powered by an advanced, collar-style, long-life, Li-ion battery. The flexible, 5.1 oz. neck hanger battery pack provides up to 24 hours of continuous operation (at lowest intensity setting) on a single charge.



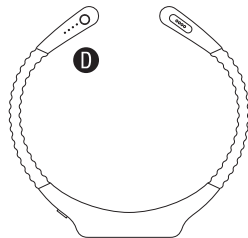
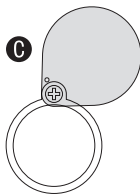
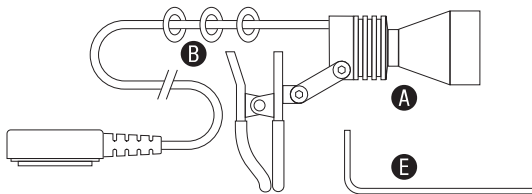
Please read and understand all instructions before using this device, and save this manual for your reference. This manual is subject to change without notice.



PRACTICON, INC.
1112 SUGG PARKWAY
GREENVILLE, NC 27834 USA

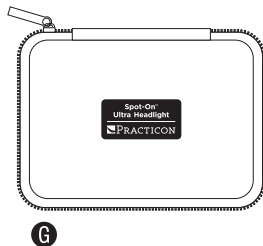
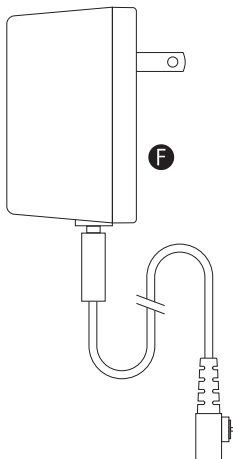
TEL: +1 (252) 752-5183
FAX: +1 (252) 752-2439

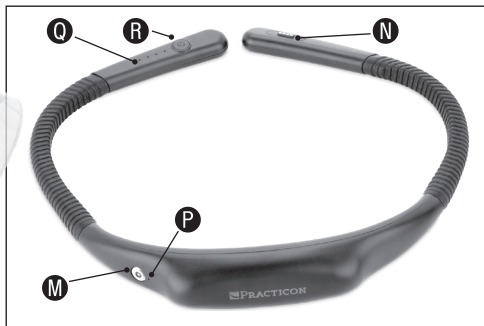
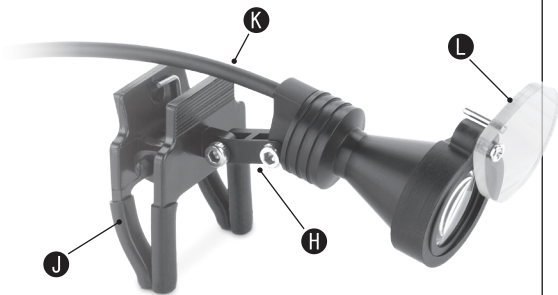
WEBSITE: practicon.com
EMAIL: ccr@practicon.com



PACKAGE CONTENTS

Item	Description	Qty
A	Spot-On Ultra Headlight Unit	1
B	Cord Temple Retaining Rings	3
C	Removable Composite Filter	1
D	Rechargeable Li-ion Neck Hanger Battery Pack	1
E	Allen Wrench	1
F	Battery Charger	1
G	Storage Case	1
H	Instructions for Use	1





SPOT-ON ULTRA COMPONENTS AND CONTROLS

- H Hinge arm**
Rotate up or down to position light. Tighten as desired with Allen wrench (included).
- J Spring mount clip**
- K Power cord with (3) temple retaining rings**
- L Removable/rotatable composite filter**
- M Magnetic charge port**
- N Magnetic power cord port**
- P Charging indicator LED**
Red LED indicates charge in progress.
Green LED indicates complete charge.
- Q Battery status LEDs**
4 blue LEDs indicate full charge.
1-3 LEDs indicate remaining charge.
- R ON/OFF/Intensity power button**
Press once to turn ON at last used brightness setting. Press repeatedly to cycle through intensity settings from low to max. Press and hold for 2 seconds to power OFF.

CHARGE THE BATTERY FULLY BEFORE USING THE SPOT-ON ULTRA FOR THE FIRST TIME

Attach the charging cable to port **M** on the side of the battery. The red LED indicator **P** on the battery will turn green when the battery is fully charged. A full charge can take up to 5.5 hours.



Use only the charger that came with your Spot-On Ultra. Use of a different charger could damage the unit and will void the warranty. Unplug charger when not in use.

When fully charged, the Spot-On Ultra can operate continuously for about 24 hours on lowest intensity setting or about 5.2 hours on maximum intensity setting. The four blue battery status LEDs will indicate remaining charge. Recharge battery when one LED remains lit.

Contact Practicon for replacement battery pack. Do not attempt to open or service the battery.

OPERATION

Attach Spot-On Ultra to eyewear frame with spring mount clip **J**. For ease of use, secure power cord to right eyewear temple with one or more temple retaining rings. Put eyewear on. Place neck hanger battery pack around neck with opening in front. Attach the headlight power cord **K** to the power cord port **N**. Magnet will grip power cord port and ensure perfect contact alignment.

Press power button **R** to turn ON at last used brightness setting. Rotate headlight unit up or down at hinge arm **H** to direct light. Press and hold power button for 2 seconds to turn unit OFF. To remove power cord (or charging cable), simply lift it off.

ADJUSTING THE BRIGHTNESS

Press power button repeatedly to cycle through four brightness settings from low to high (25% > 50% > 75% > 100% > Repeat).

WORKING WITH LIGHT-CURED COMPOSITES

Attach orange composite filter **L** to block blue light emitted by the LED in the 400–450nm range and to extend the working time of light-cured composites under direct illumination.

WARNINGS



AMBIENT CONDITIONS

Do not store the device in humid surroundings. Do not place the device where it may come in contact with liquids. Do not expose the device to any heat sources. Do not charge, operate, or store the device at high temperatures. Do not operate unit at maximum brightness for periods longer than 30 minutes or overheating may occur. Comply with the specified operating and storage conditions.



BATTERY

Do not store at temperatures above 104°F (40°C). If unit is stored six months or longer, recharge battery fully before using.

DISPOSAL

Dispose of battery according to local environmental guidelines or regulations regarding lithium-ion batteries. Do not dispose of battery in fire.

REPAIRS AND DEFECTS

Do not use the device if you suspect it is damaged or defective. If battery is defective, do not transport it by air under any circumstances.

CLEANING AND DISINFECTION

Use a mild detergent on a very slightly damp cloth to clean the headlight unit and battery pack.

Do not use any cleaner containing phenol, hydrogen peroxide, alcohol, or bleach.

DO NOT AUTOCLAVE any component of this device.

Do not immerse in liquid.

Warranty

Practicon, Inc. warrants this product to be free of manufacturing defects for a period of one (1) year from the date of purchase, deemed as the date of the invoice. Units returned due to manufacturing defects within the warranty period will be repaired or replaced at our discretion. The following are expressly excluded from the warranty:

Damage and/or failure caused by use of incorrect charger, immersion or excess contact with liquids or disinfectants, dropping and/or jolting during use.

Damage and/or failure of the equipment caused by natural disasters, such as earthquakes, floods, lightning, pollution, incorrect electrical voltage, and voltage spikes.

Spring mount clip failure.

Battery failure.

IMPROPER USE OR ANY ATTEMPT TO ALTER THE UNIT WILL INVALIDATE THE WARRANTY.

Date of Invoice _____



PRACTICAL INNOVATIONS FOR DENTISTRY

1-800-959-9505 • Fax 1-800-278-0885

practicon.com • Greenville, NC 27834

Made in China • IFU 7162913_2

SPOT-ON ULTRA PRODUCT SPECIFICATIONS

Information	Specifications
Model Number	71-62913
Battery	3.7V 2600mAh Lithium-ion
Charging Time	< 5.5 hours (full charge)
Battery Charger	100-240VAC/5VDC 1000mA
Operating Time	~5.2 hrs on max. intensity ~7.5 hrs on high intensity ~11.3 hrs on med. intensity ~24 hrs on low intensity
Spot Size	3.75" at 15" working distance
Headlight Weight	1.18 oz. (33.5g)
Battery Weight	5.11 oz. (145g)
LED Power	1.5W
Color Temp.	5000 K, 5700 K, 6300 K
Light Intensity	Adjustable up to 33,000 lux at 9.8" (25cm).