

Welch Allyn®

23810 Diagnostic Otoscope and 23820 Otoscope/ Throat Illuminator

Material No. 703970 Rev. G

For guaranteed performance, use only Welch Allyn lamps and specula.

Symbols



Attention. Read Operating Manual for Cautions and Instructions for Use.



TYPE BF – Indicates this is a product with Type BF applied parts.

Warnings/Cautions



CAUTION: To minimize external otoscope housing temperatures, on-time should not exceed 2 minutes and off-time should not be less than 10 minutes.



CAUTION: Federal Law restricts this device to sale by or order of a physician.

Operating Instructions

Attaching Otoscope Head to power source

(Figure 1)

Align the cutouts in the Otoscope Head base with lugs on power source. Push in slightly and turn 90°. The Otoscope is now ready to use. To remove, reverse this procedure. The Otoscope Heads fit all 3.5 v. Welch Allyn power sources.

Using Focus

(Figure 2)

Use the focus in the Default or Free position.

Default Focus: align the green line on the focusing wheel to the green dot on the side of the otoscope.

Free Focus: rotate the focus wheel (A) or (B) to zoom in or out.

Zoom in: rotate focus wheel towards longer dashes.

Zoom out: rotate focus wheel towards shorter dashes.

Attaching Specula

(Figure 3)

To attach the specula onto the otoscope, twist the specula clockwise into the TipGrip (C) until it locks.

Removing Specula

To remove the specula, turn the TipGrip (C) counterclockwise. Or grab the specula and twist it counterclockwise.

Note: Otoscope only supports Welch Allyn specula.

Using Throat Illuminator for REF 23820

(Figure 4)

1. Grasp the otoscope section with the left hand.
2. With the right hand, grasp the throat illuminator's collar at (D) (under the silver ring).
3. While holding the throat illuminator collar stationary, twist the otoscope section counterclockwise at (D) until the otoscope head is removed. The throat illuminator is now ready for use.
4. To replace otoscope section, reverse the steps.

Note: It is important to note that while the throat illuminator section provides an excellent source of general illumination, avoid more than momentary direct skin contact due to possible heat build up.

Lamp Replacement

(Figure 5)

CAUTION: Halogen lamps are pressurized to provide maximum efficiency and illumination. Mistreatment may cause shattering. Protect lamp surface against abrasions and scratches. Use protective eyeglasses when handling. Verify power is off when replacing lamp. Dispose of lamp with care.

CAUTION: Lamps may be hot. Allow the lamps to cool before removing.

Cleaning Recommendation

Repairs and cleaning (with the exception of lamp replacement) beyond what is specified below must be performed at the factory. Do not apply alcohol, chemicals, or water to the lenses. Solution entering the optical assembly could damage internal components.

Clean the otoscope head or throat illuminator with a dry cloth.

Accessories:

Insufflator bulb REF 23804

Lamp REF 06500-U

Disposable Specula

REF 52432-U, 2.75 mm

REF 52434-U, 4.25 mm

Reusable Specula

REF 24302-U, 2.5 mm

REF 24303-U, 3 mm

REF 24304-U, 4 mm

REF 24305-U, 5 mm

REF 24400-U, Set of 4

Figure 1 / Abb. 1 / Figura 1

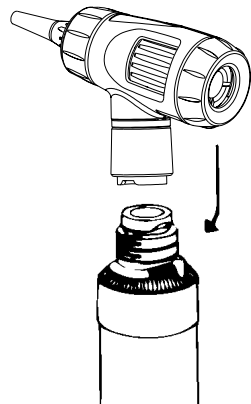


Figure 2 / Abb. 2 / Figura 2

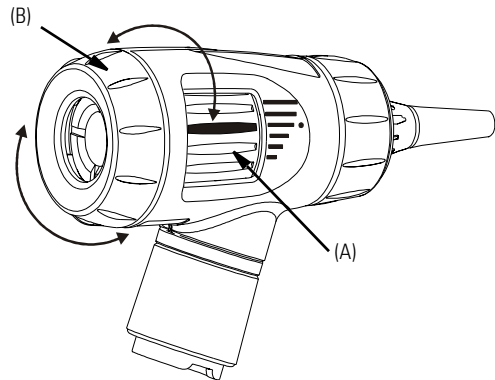


Figure 3 / Abb. 3 / Figura 3

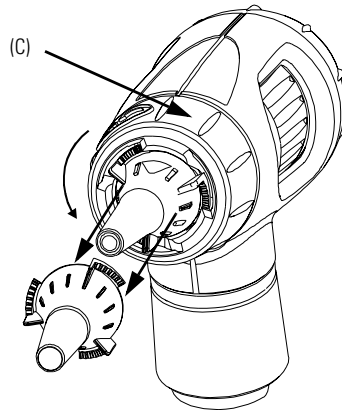


Figure 4 / Abb. 4 / Figura 4

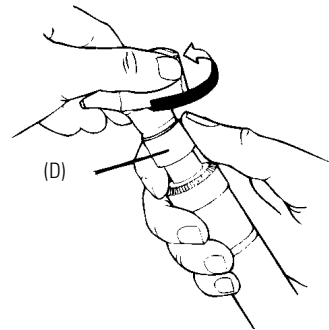
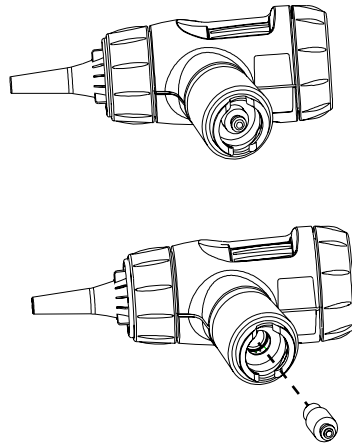


Figure 5 / Abb. 5 / Figura 5



WelchAllyn®

4341 State Street Road
Skaneateles Falls, NY 13153 USA
Tel: 315-685-4560 / 800-535-6663 / Fax: 315-685-3361
www.welchallyn.com