

SAVE THESE INSTRUCTIONS FOR FUTURE USE

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1227-4-INS-LAB-RevB25

**GRAHAM-FIELD OTOSCOPE DESCRIPTION, ASSEMBLY, OPERATION, AND MAINTENANCE**



fig. 3 Otoscope

**IMPORTANT SAFETY INFORMATION**

- ⚠ **WARNING: Important! Read and understand these instructions BEFORE using the Graham-Field 1227-4 Complete Diagnostic Kit. If you do not understand any part of these warnings, cautions or instructions, contact a healthcare professional for direction in the use of this product. If the Complete Diagnostic Kit is not properly used, personal injury and damage to the Complete Diagnostic Kit could result.**
- ⚠ **WARNING: To prevent burns and damage to the device, DO NOT touch any lens directly.**
- ⚠ **WARNING: If components are damaged or missing, contact your GF Health Products, Inc. ("Graham-Field") authorized distributor immediately. DO NOT use substitute parts. Unauthorized modification or the use of non-Graham-Field replacement parts could void the warranty and result in serious personal injury. Use this device ONLY with replacement parts recommended by GF Health Products, Inc.**
- ⚠ **WARNING: Keep this device out of the reach of children.**
- ⚠ **WARNING: These devices have no serviceable components; DO NOT open them for any other reason than replacing bulbs and batteries.**
- ⚠ **WARNING: GF Health Products, Inc. assumes no responsibility for any damage or injury caused by improper application or use of this product.**
- ▲ **NOTICE: Protect this product from water, moisture, impact, dropping, direct sunlight, heat, and fire.**

**Otoscope Assembly**

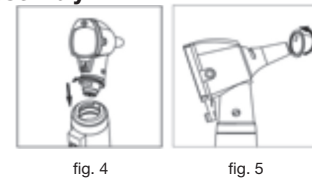


fig. 4 fig. 5

1. Install the head on the handle and screw it on (fig. 4).
2. Select the appropriate tip for patient's ear canal size; **generally**, the 4 mm tip size fits adults and 2.4 mm fits children.
3. Push the tip onto the head and screw it on until secure (fig. 5).
4. If batteries have not been installed, see **Installing Batteries in Handle** on page 6.

**Otoscope Operation**

- ⚠ **WARNING: Use the Otoscope ONLY with a tip attached.**
- ⚠ **WARNING: To avoid burns and damage to device, use the Otoscope intermittently.**

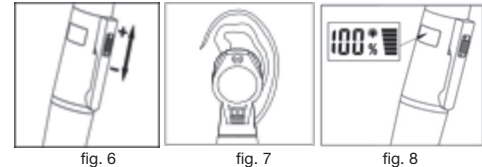


fig. 6 fig. 7 fig. 8

1. Turn the Otoscope ON by pushing switch upward (fig. 6).
2. Use the switch to adjust the light level (fig. 6): push switch up for brighter, down for dimmer, and all the way down to turn the device OFF. There are six brightness levels.
3. Insert the Otoscope tip **gently** into patient's ear canal (fig. 7) and examine through the viewing window.

**INTENDED USE AND CONTRAINDICATIONS**

**Complete Diagnostic Kit** components are shown on page 5.

The **Otoscope** is intended to allow inspection under magnification of the external ear, ear canal, and tympanic membrane by a licensed medical professional.

The **Ophthalmoscope** is intended to allow inspection of the interior structure of the eye by a licensed medical professional.

The **Laryngeal Mirror** is intended to allow inspection of the oral cavity, teeth, larynx, pharynx, and other areas of the throat by a licensed medical professional.

The **Nasal Speculum** is intended to allow inspection of the interior of the nose by a licensed medical professional.

The **Tongue Depressor Holder** is intended to allow inspection of the oral cavity by a licensed medical professional.

The **Operating Otoscope** is intended to allow inspection of the ear canal and ear drum by a licensed medical professional.

- ⚠ **WARNING: DO NOT use this device where it could be exposed to flammable gas.**

4. The LCD (fig. 8) shows working position, battery capacity, and lighting level.
  5. Turn the Otoscope OFF by pushing the switch completely downward as shown in fig. 6.
- Info:** *The Otoscope will automatically power off after 3 minutes without use.*
6. To remove tip after use, unscrew and remove it.

**Otoscope Maintenance**

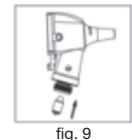


fig. 9

**Changing the Otoscope Bulb**

- ⚠ **WARNING: The Otoscope bulb retains heat! To avoid injury, wait at least five minutes after use before changing the bulb.**
1. After Otoscope has been powered off for at least five minutes, unscrew and remove head from handle.
  2. Unscrew and remove the bulb tube.
  3. Pull the old bulb downward to remove; replace with new 3.0VDC 80Ma LED bulb (fig. 9).
  4. Screw Otoscope head onto handle.

**SYMBOLS, COMPLETE DIAGNOSTIC KIT**

	Manufacturer
	Symbol for the marking of electrical and electronics devices according to Directive 2002/96/EC. Dispose of this device, batteries, and packaging in accordance with local laws and regulations
	Type B applied part
	Attention, consult accompanying documents

- Cleaning and Disinfection**
- ▲ **NOTICE: DO NOT allow alcohol to touch the viewing window.**
  - ▲ **NOTICE: DO NOT use corrosive or polishing cleansers on the Otoscope.**
  - ▲ **NOTICE: DO NOT soak or autoclave the Otoscope, or allow water or other liquids to drip into it.**
1. Wipe surface area **only** of Otoscope and Ophthalmoscope with a clean cloth dampened with a 75% isopropyl alcohol solution at least once a week or more often as needed.
  2. Disinfect **only** otoscope tips after each use with saturated steam at 273.2°F (134°C) for 10 minutes.

**GRAHAM-FIELD OPHTHALMOSCOPE DESCRIPTION, ASSEMBLY, OPERATION, AND MAINTENANCE**



fig. 10 Ophthalmoscope

The Graham-Field Ophthalmoscope (fig. 10) with features labeled.

**1227-4 COMPLETE DIAGNOSTIC KIT COMPONENTS**

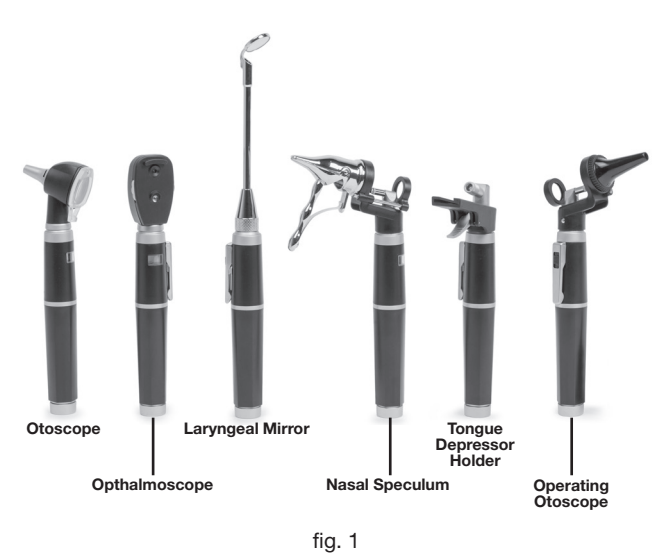


fig. 1

The Graham-Field Complete Diagnostic Kit, shown above in fig. 1, comes with Box (not shown), Otoscope with extra tips, Ophthalmoscope, Laryngeal Mirror with 20 mm Reflector, Nasal Speculum with 9 mm tip, Tongue Depressor Holder with 5 tongue depressors, Operating Otoscope with extra tips, and Instructions (not shown).

**Info:** *Only one handle, which fits all devices, is included in the kit.*

**Info:** *Two AA alkaline batteries, located in the handle, are required for this device. Batteries are not included.*

**Ophthalmoscope Assembly**



fig. 11

1. Install the head on the handle and screw it on (fig. 11).
2. If batteries have not been installed, see **Installing Batteries in Handle** on page 6.

**Ophthalmoscope Operation**

- ⚠ **WARNING: To avoid burns and damage to device, use the Ophthalmoscope intermittently.**



fig. 12 fig. 13 fig. 14 fig. 15 fig. 16

1. Turn the Ophthalmoscope ON by pushing switch upward (fig. 12).
2. Use the switch to adjust the light level (fig. 12): push switch up for brighter, down for dimmer, and all the way down to turn the device OFF. There are six brightness levels.

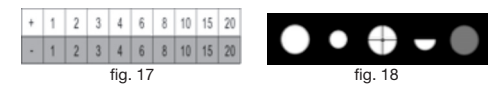


fig. 17 fig. 18

3. Scroll the dioptr wheel (fig. 13) to select a suitable dioptr (fig. 17) for clear observation .
4. Scroll the diaphragm wheel (fig. 14) to desired aperture (fig. 18).

**COMPLETE DIAGNOSTIC KIT SETUP**

**Installing Batteries in Handle**

1. Ensure the device is OFF.
2. Unscrew the bottom cover from the handle.

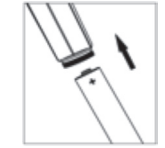


fig. 2

3. Insert two AA alkaline batteries (not included) into the device handle, ensuring both batteries' positive ends point to the head of the device (fig. 2).
4. Screw the bottom cover back onto the handle of each device.

- ⚠ **WARNING: Dispose of batteries in accordance with local laws and regulations.**

▲ **NOTICE: ALWAYS replace both batteries at the same time. Use ONLY AA alkaline batteries in this device.**

▲ **NOTICE: ALWAYS remove batteries when device will not be used for an extended period of time.**

1. Unscrew and remove bottom cover from handle.
2. Remove the old batteries.
3. Replace with two new AA alkaline batteries. Ensure both batteries' positive ends point to the head (fig. 2).
4. Replace the bottom cover.

5. Aim the light at desired area of observation (fig. 15).
  6. The LCD (fig. 16), shows working position, battery capacity, and lighting level.
  7. Turn the Ophthalmoscope OFF by pushing the switch completely downward (fig. 12).
- Info:** *The Ophthalmoscope will automatically power off after 3 minutes without use.*

**Ophthalmoscope Maintenance**

**Changing the Ophthalmoscope Bulb**

- ⚠ **WARNING: The Ophthalmoscope bulb retains heat! To avoid injury, wait at least five minutes after use before changing the bulb.**

1. After Ophthalmoscope has been powered off for at least five minutes, unscrew and remove Ophthalmoscope head from handle.
2. Unscrew and remove the bulb tube.



fig. 19

3. Pull the old bulb downward to remove; replace with new 3.0VDC 80mA LED bulb (fig. 19).
4. Screw Ophthalmoscope head onto handle.

### Cleaning and Disinfection

▲ **NOTICE: DO NOT** allow alcohol to touch the viewing window.

▲ **NOTICE: DO NOT** use corrosive or polishing cleansers on the Ophthalmoscope.

▲ **NOTICE: DO NOT** soak or autoclave the Ophthalmoscope, or allow water or other liquids to drip into it.

Wipe surface area **only** of Ophthalmoscope with a clean cloth dampened with a 75% isopropyl alcohol solution at least once a week or more often as needed.

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### GRAHAM-FIELD LARYNGEAL MIRROR DESCRIPTION, ASSEMBLY, OPERATION, AND MAINTENANCE



fig. 20 Laryngeal Mirror

The Graham-Field Laryngeal Mirror with features labeled.

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### GRAHAM-FIELD TONGUE DEPRESSOR HOLDER DESCRIPTION, ASSEMBLY, OPERATION, AND MAINTENANCE

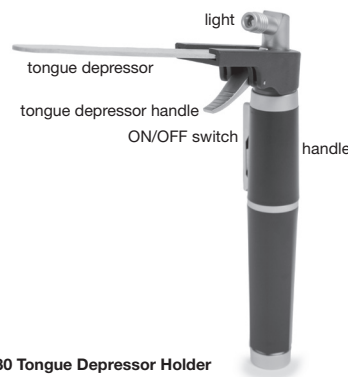
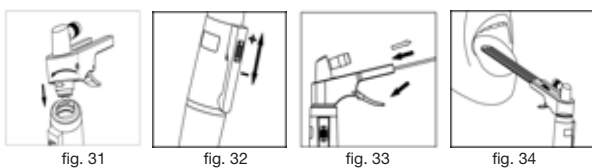


fig. 30 Tongue Depressor Holder

The Graham-Field Tongue Depressor Holder with features labeled.

#### Tongue Depressor Holder Assembly



1. Install the head on the handle and screw it on (fig. 31).
2. If batteries have not been installed, see *Installing Batteries in Handle* on page 6.

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#### Tongue Depressor Holder Operation

1. Slide switch to select a suitable brightness (fig. 32).
2. Install the tongue depressor on the stents and press the tongue depressor handle so that the stents can support the tongue depressor securely (fig. 33).
3. Examine by aiming the light into the patient's mouth and throat (fig. 34).
4. Turn the Tongue Depressor Holder OFF by pushing the switch completely downward (fig. 32).

**Info:** *The Tongue Depressor Holder will automatically power off after 3 minutes without use.*

▲ **WARNING: Dispose of the used tongue depressor in a container for medical waste.**

#### Tongue Depressor Holder Maintenance

##### Changing the Tongue Depressor Holder Bulb

▲ **WARNING: The bulb retains heat! To avoid injury, wait at least five minutes after use before changing the bulb.**

1. After Tongue Depressor Holder has been powered off for at least five minutes, unscrew and remove head from handle.
2. Unscrew and remove the bulb tube.
3. Pull the old bulb downward to remove; replace with new 3.0VDC 80Ma LED bulb.
4. Screw head onto handle.

#### Cleaning and Disinfection

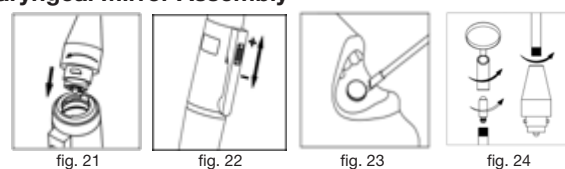
1. Clean the device surface with 75% alcohol solution at least once a week or as needed.

▲ **NOTICE: DO NOT** use corrosive or polishing cleansers on the Tongue Depressor Holder.

▲ **NOTICE: DO NOT** soak or autoclave the Tongue Depressor Holder, or allow water or other liquids to drip into it.

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### Laryngeal Mirror Assembly



1. Install the head on the handle and screw it on (fig. 21).
2. If batteries have not been installed, see *Installing Batteries in Handle* on page 6.

#### Laryngeal Mirror Operation

1. Slide switch to select a suitable brightness (fig. 22).
2. Examine patient by inserting the reflector end into patient's mouth (fig. 23).
3. Adjust mirror to the appropriate reflection.
4. Turn the Laryngeal Mirror OFF by pushing the switch completely downward (fig. 22).

**Info:** *The Laryngeal Mirror will automatically power off after 3 minutes without use.*

#### Laryngeal Mirror Maintenance

##### Changing the Laryngeal Mirror bulb

▲ **WARNING: The bulb retains heat! To avoid injury, wait at least five minutes after use before changing the bulb.**

1. After Laryngeal Mirror has been powered off for at least five minutes, unscrew and remove head from handle (fig. 21).
2. Unscrew and remove the bulb tube.
3. Pull the old bulb downward to remove; replace with new 3.0VDC 80Ma LED bulb.
4. Screw head onto handle.

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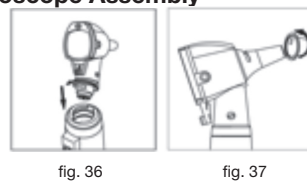
### OPERATING OTOSCOPE DESCRIPTION, ASSEMBLY, OPERATION, AND MAINTENANCE



fig. 35 Operating Otoscope

The Graham-Field Operating Otoscope with features labeled.

#### Operating Otoscope Assembly



1. Install the head on the handle and screw it on (fig. 36).
2. Select the appropriate tip for patient's ear canal size; **generally**, 4 mm tip size fits adults and 2.4 mm fits children.
3. Push the tip onto the head and screw it on until secure (fig. 37).
4. If batteries have not been installed, see *Installing Batteries in Handle* on page 6.

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### Cleaning and Disinfection

1. Clean the device surface with 75% alcohol solution at least once a week or as needed.
2. Separate the Laryngeal Mirror lens (fig. 24).
3. Disinfect the lens with saturated steam for 10 minutes at 273°F (134°C).
4. Re-install the Laryngeal Mirror lens (fig. 24).

▲ **NOTICE: DO NOT** use corrosive or polishing cleansers on the Laryngeal Mirror.

▲ **NOTICE: DO NOT** soak or autoclave the Laryngeal Mirror, or allow water or other liquids to drip into it.

### GRAHAM-FIELD NASAL SPECULUM DESCRIPTION, ASSEMBLY, OPERATION, AND MAINTENANCE



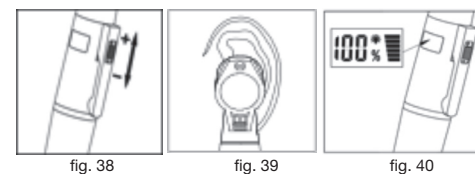
fig. 25 Nasal Speculum

The Graham-Field Nasal Speculum with features labeled.

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#### Operating Otoscope Operation

- ▲ **WARNING: Use the Operating Otoscope ONLY with a tip attached.**
- ▲ **WARNING: To avoid burns and damage to device, use the Operating Otoscope intermittently.**



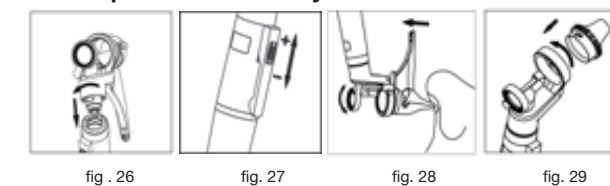
1. Turn the Operating Otoscope ON by pushing switch upward (fig. 38).
2. Use the switch to adjust the light level (fig. 38): push switch up for brighter, down for dimmer, and all the way down to turn the device OFF. There are six brightness levels.
3. Insert the Operating Otoscope tip **gently** into patient's ear canal (fig. 39) and examine through the viewing window.
4. The LCD (fig. 40) shows working position, battery capacity, and lighting level.
5. Turn the Operating Otoscope OFF by pushing the switch completely downward (fig. 38).

**Info:** *The Operating Otoscope will automatically power off after 3 minutes without use.*

6. To remove tip after use, unscrew and remove it.

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### Nasal Speculum Assembly



1. Install the head on the handle and screw it on (fig. 26).
2. If batteries have not been installed, see *Installing Batteries in Handle* on page 6.

#### Nasal Speculum Operation

▲ **WARNING: To avoid burns and damage to device, use the Nasal Speculum intermittently.**

1. Turn the Nasal Speculum ON by pushing switch upward (fig. 27).
2. Use the switch to adjust the light level (fig. 27): push switch up for brighter, down for dimmer, and all the way down to turn the device OFF. There are six brightness levels.
3. Examine patient by inserting the dilator front end into patient's nasal cavity (fig. 28), adjust to an appropriate length, press the dilator handle and choose an appropriate angle (fig. 29), and examine through the adjustable viewing window.
4. Turn the Nasal Speculum OFF by pushing the switch completely downward (fig. 27).

**Info:** *The Nasal Speculum will automatically power off after 3 minutes without use.*

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### Nasal Speculum Maintenance

#### Changing the Nasal Speculum Bulb

▲ **WARNING: The Nasal Speculum bulb retains heat! To avoid injury, wait at least five minutes after use before changing the bulb.**

1. After Nasal Speculum has been powered off for at least five minutes, unscrew and remove head from handle.
2. Unscrew and remove the bulb tube.
3. Pull the old bulb downward to remove; replace with new 3.0VDC 80Ma LED bulb.
4. Screw Nasal Speculum head onto handle.

#### Cleaning and Disinfection

▲ **NOTICE: DO NOT** allow alcohol to touch the viewing window.

▲ **NOTICE: DO NOT** use corrosive or polishing cleansers on the Nasal Speculum.

▲ **NOTICE: DO NOT** soak or autoclave the Nasal Speculum, or allow water or other liquids to drip into it.

1. Wipe surface area **only** of Nasal Speculum with a clean cloth dampened with a 75% isopropyl alcohol solution at least once a week or more often as needed.
2. Disinfect **only** Nasal Speculum dilator after each use with saturated steam at 273.2°F (134°C) for 10 minutes.

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### Operating Otoscope Maintenance

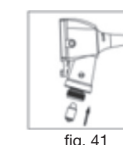


fig. 41

#### Changing the Operating Otoscope Bulb

▲ **WARNING: The Operating Otoscope bulb retains heat! To avoid injury, wait at least five minutes after use before changing the bulb.**

1. After Operating Otoscope has been powered off for at least five minutes, unscrew and remove head from handle.
2. Unscrew and remove the bulb tube.
3. Pull the old bulb downward to remove; replace with new 3.0VDC 80Ma LED bulb (fig. 41) above.
4. Screw Operating Otoscope head onto handle.

#### Cleaning and Disinfection

▲ **NOTICE: DO NOT** allow alcohol to touch the viewing window.

▲ **NOTICE: DO NOT** use corrosive or polishing cleansers on the Operating Otoscope.

▲ **NOTICE: DO NOT** soak or autoclave the Operating Otoscope, or allow water or other liquids to drip into it.

1. Wipe surface area **only** of Operating Otoscope and Ophthalmoscope with a clean cloth dampened with a 75% isopropyl alcohol solution at least once a week or more often as needed.
2. Disinfect **only** Operating Otoscope tips after each use with saturated steam at 273.2°F (134°C) for 10 minutes.

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### CHANGING THE BATTERIES

▲ **WARNING: Dispose of batteries in accordance with local laws and regulations.**

▲ **NOTICE: ALWAYS** replace both batteries at the same time. Use **ONLY** AA alkaline batteries in this device.

▲ **NOTICE: ALWAYS** remove batteries when device will **NOT** be used for an extended period of time.

1. Unscrew and remove bottom cover from handle.
2. Remove the old batteries.

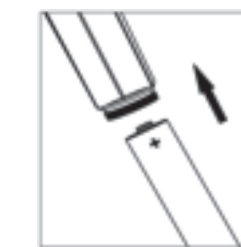



fig. 42

3. Replace with two new AA alkaline batteries. Ensure both batteries' positive ends point to the head (fig. 42).
4. Replace the bottom cover.

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**COMPLETE DIAGNOSTIC KIT SPECIFICATIONS**

Specification	Otoscope	Operating Otoscope	Nasal Speculum	Tongue Depressor Holder	Laryngeal Mirror	Ophthalmoscope
<b>Illumination</b>	Fiberoptic illumination	Direct Illumination				
<b>Magnification</b>	3x	2x		—		
<b>Bulb Electrical Parameter</b>	3.0VDC 80mA LED					
<b>Luminance</b>	25 Lumen				14 Lumen	
<b>Color Temperature</b>	3500°K ±5%					
<b>Included tip sizes</b>	2.4 mm, 3 mm, 4 mm, 5 mm	2.2 mm, 3 mm, 4 mm, 5 mm, 9 mm	9 mm	includes 5 tongue depressors	20 mm Reflector	—
<b>Battery</b>	Two AA alkaline batteries (not included)					
<b>Operation Environment</b>	Temperature	50°F ~ 95°F (10°C ~ 35°C)				
	Humidity	30% - 75%				
	Air pressure	700 hPa ~ 1060 hPa				
<b>Storage and Transport Environment</b>	Temperature	-4°F ~ 158°F (-20°C ~ 70°C)				
	Humidity	10% ~ 90% (without condensation)				
	Air pressure	500 hPa ~ 1060 hPa				
 <b>Disposal</b>	Dispose of this device and batteries in accordance with local laws and regulations					

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**COMPLETE DIAGNOSTIC KIT LIMITED WARRANTY SCOPE OF WARRANTY**

GF Health Products, Inc. ("GF") warrants to the Original Purchaser only that it will replace or repair components, at GF's sole discretion, that are defective in material or workmanship under normal use and service. All warranties are conditioned upon the proper use of the products strictly in accordance with good commercial practice and applicable GF instructions and manuals, including proper use and maintenance. To the extent that a third party warrants a component, GF conveys all of its rights under that warranty to the Original Purchaser, to the extent permitted. Original Purchaser is one who purchases this product new and unused from GF or a Certified GF Dealer/Distributor.

This limited warranty shall only apply to defects that are reported in accordance with the provisions set forth in this warranty document, within the applicable warranty period and which, upon examination by GF or its authorized representative, prove to be a warranty item. (See Obtaining Warranty Service below) This limited warranty is not transferable.

The warranted components and time periods are set forth below:

Ophthalmoscope:	1 (one) year
Otoscope:	1 (one) year
Operating Otoscope:	1 (one) year
Nasal Speculum:	1 (one) year
Tongue Depressor Holder:	1 (one) year
Laryngeal Mirror:	1 (one) year

The applicable warranty period shall commence from date of shipment to the Original Purchaser, unless there is an expiration date on the component in which case the warranty shall expire on the earlier of warranty period or the expiration date.

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**OBTAINING WARRANTY SERVICE**

Contact the Dealer/Distributor from whom the product was purchased. If there is not a Dealer/Distributor, you must contact GF directly by calling (770) 368-4700 or by e-mailing a request to cs@grahamfield.com. The Customer Service Representative will provide specific directions. Failure to abide by the specific directions will result in denial of the warranty claim.

The warranty does not cover and GF shall not be liable for the following:

- 1) Defects, damage, or other conditions caused, in whole or in part, by misuse, abuse, negligence, alteration, accident, freight damage, tampering or failure to seek and obtain repair or replacement in a timely manner;
- 2) Products which are not installed, used, or properly cleaned and maintained as required in the official manual for the applicable product;
- 3) Products considered to be of a non-durable nature including, but not limited to: filters, fuses, gaskets, lubricants, and charts;
- 4) Accessories or parts not provided by GF;
- 5) Matching of color, grain or texture except to commercially acceptable standards;
- 6) Changes in color caused by natural or artificial light;
- 7) Charges by anyone for adjustments, repairs, replacement parts, installation or other work performed upon or in connection with such products which are not expressly authorized in writing, in advance, by GF;
- 8) Any labor or shipping charges incurred in the replacement part installation or repair;
- 9) Costs and expenses of regular maintenance and cleaning; and
- 10) Representations and warranties made by any person or entity other than GF.

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**ENTIRE WARRANTY, EXCLUSIVE REMEDY AND CONSEQUENTIAL DAMAGES DISCLAIMER**

TO THE GREATEST EXTENT PERMITTED BY LAW, THIS WARRANTY IS GF'S ONLY WARRANTY AND IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED. EXCEPT IN CASES WHERE IMPLIED WARRANTIES MAY NOT BE VALIDLY WAIVED, GF MAKES NO IMPLIED WARRANTIES OF ANY KIND INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. IF ANY MODEL OR SAMPLE WAS SHOWN TO THE CUSTOMER, SUCH MODEL OR SAMPLE WAS USED MERELY TO ILLUSTRATE THE GENERAL TYPE AND QUALITY OF THE PRODUCT AND NOT TO REPRESENT THAT THE PRODUCT WOULD NECESSARILY CONFORM TO THE MODEL OR SAMPLE IN ALL RESPECTS. THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT OF THE DEFECTIVE PARTS. GF SHALL NOT BE LIABLE FOR AND HEREBY DISCLAIMS ANY DIRECT, SPECIAL, INDIRECT, INCIDENTAL, EXEMPLARY OR CONSEQUENTIAL DAMAGES, INCLUDING, BUT NOT LIMITED TO: DAMAGES FOR LOSS OF PROFITS OR INCOME, LOSS OF USE, DOWNTIME, COVER, OR EMPLOYEE OR INDEPENDENT CONTRACTOR WAGES, PAYMENTS AND BENEFITS. CERTAIN STATES AND COUNTRIES MAY CONFER ADDITIONAL RIGHTS REGARDING WARRANTIES AND IN THOSE INSTANCES, GF'S LIABILITY AND THE LIABILITY OF GF'S SUPPLIERS, SHALL BE LIMITED TO THE FULLEST EXTENT PERMITTED BY LAW.

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The warranties contained herein, together with GF's current Terms and Conditions, contain all the representations and warranties with respect to the subject matter of this document, and supersede all prior negotiations, agreements and understandings with respect thereto. The recipient of this document hereby acknowledges and represents that it has not relied on any representation, assertion, guarantee, warranty, collateral contract or other assurance, except those set out in this document.

For additional information on this product or this warranty, please contact a GF Customer Service Representative.

**NOTES:**

- 1) Additional terms and conditions may apply. See GF's General Terms and Conditions on its website: www.grahamfield.com.
- 2) Freight claims must be notated on the appropriate shipping documents and must be made with immediacy. International, federal and state regulations govern specific requirements for freight claims. Failure to abide by those regulations may result in a denial of the freight claim. GF will assist you in filing the freight claim.
- 3) Claims for any short shipment must be made within three (3) days of the invoice date.

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