Otoscopes, Ophthalmoscopes and Power Sources

Introduction

Optical perfection and lightweight, ergonomic design.
A combination of optical perfection, superb ergonomics and versatile features make Keeler otoscopes and ophthalmoscopes the ideal choice. With curved surfaces and subtle patient side marking, each ophthalmoscope has been designed to fit snugly into the orbital bone ensuring a patient friendly, non threatening instrument.

The Otoscopes range from the new 'go anywhere' Jazz Ultra pocket to the outstanding top of the range Fibre Optic Otoscope all providing the best possible view.

Manufactured in the UK and built from resilient, lightweight materials, a Keeler instrument will give you many years of trouble free service and withstand the rigours of everyday use.

So, whatever your requirement from basic examination to detailed diagnosis, Keeler has the instrument for you.

Contents

Jazz Ultra Otoscope

Jazz Ultra Ophthalmoscope

Contents

Apertures, gratificus and filters

Jazz Ultra Otoscope
- Wide Angle - Illuminates the largest area of fundus for the best general diagnosis through a dilated pupil.
- Intermediate - Easier access through undilated pupils and in peripheral examination. Ideal for paediatric examination.
- Macular - For examination of the macula of the fundus with a smaller beam, where a larger beam would cause excessive pupil reaction or patient discomfort.
- Slit - To determine retinal elevations and depressions, can also be used to assess anterior chamber depth.
- Glaucoma - Projects a graticule onto the retina to assess the optic cup/disc ratio as an aid to glaucoma diagnosis.
- Fixation Cross - Projects a graticule onto the retina for assessment of the degree and direction of eccentric fixation.
- Red Free and Fixation Cross - is for vessel examination with a fixation cross for assessment of eccentric fixation.
- Semi Circle - Provides a combination of depth perception and field of view.
- Red Free - Used to examine blood vessels in fine detail. Blood vessels are silhouetted black against a dark green background.
- Cobalt Blue - Use with fluorescein dye for the examination of corneal scars and abrasions.

Jazz Ultra Ophthalmoscope
- Brilliant LED illumination and trusted Keeler optics provide the clearest, crispest views of the retina.
- Lens powers +/- 1, 2, 3, 4, 6, 8, 10, 15 and 20 Dioptr.
- Smooth apertur wheel for precise selection of apertures.
- Protects your spectacles.
- Only one AA battery required.

Jazz Ultra Diagnostic Set
- Brilliant LED illumination and trusted Keeler optics provide the brightest, crispest views of the entire eye.
- Textured power switch.
- Smooth apertur wheel for precise selection of apertures.
- Replacement specula and contacts.

Jazz Ultra

The perfect fit for your pocket and only one AA battery required.

Jazz Ultra Otoscope
- Brilliant LED illumination and trusted Keeler optics provide the brightest, crispest views of the entire eye.
- 3x magnifying lens.

Jazz Ultra Ophthalmoscope
- Brilliant LED illumination and trusted Keeler optics provide the brightest, crispest views of the entire eye.
- 3x magnifying lens.

Part Numbers

Jazz Ultra Pocket Otoscope
1514-P-1187

Jazz Ultra Pocket Ophthalmoscope
1102-P-1113

Jazz Ultra Diagnostic Set
1702-P-1109

Jazz Ultra Otoscope
1089-P-1080

Jazz Ultra Ophthalmoscope
1089-P-1081

Jazz Ultra Diagnostic Wall Unit
1089-P-1082

Jazz Ultra Diagnostic Wall Unit Sets and Desk Sets
1089-P-1083

Charging Systems
1089-P-1084

Replacement Specula and Contacts
1089-P-1085
Jazz Original size Jazz pocket instruments supplied with three interchangeable colour rings.

- Fiber Optic Otoscope
- Brilliant LED illumination gives the best possible view and longer battery life for a greener product
- 3 x magnifying lens

Jazz Ophthalmoscope
- Brilliant LED Illumination
- +/- 20D range of powers
- Renowned high performance Keeler optics with aspherical lenses

Part numbers
- 1518-P-1001 Standard Otoscope 2.8V
- 1518-P-1002 Standard Otoscope 3.6V
- 1126-P-1005 Standard Ophthalmoscope 2.8V
- 1126-P-1006 Standard Ophthalmoscope 3.6V
- 1729-P-1018 Standard Diagnostic Set 2.8V
- 1729-P-1022 Standard Diagnostic Set 3.6V

Accessories
- 1015-P-7031 Standard/Pocket Otoscope bulb 2.8V
- 1015-P-7023 Standard Otoscope bulb 3.6V
- 1011-P-7106 Standard/Practitioner Ophthalmoscope bulb 2.8V
- 1011-P-7114 Standard/Practitioner Ophthalmoscope bulb 3.6V

Slimline handles provide 2.8V dry cell or 3.6V Lithium rechargeable options

Standard The industry standard for ward and GP use. The Standard Otoscope is ideal for pneumatic testing.

- Closed head design particularly suited to pneumatic testing
- 2 x magnifying lens removable to allow the introduction of small instruments
- Disposable specula supplied

Standard Ophthalmoscope
- Positive expander lens allows you to click through lens powers from +40D to -25D allowing detailed examination of the ocular structures and ease of use for spectacle wearers
- Two diagnostic beams - a wide angle beam for general examination and a macular beam for more detailed examination of the central retina
- A red free filter for enhanced vessel examination can be used with both diagnostic beams, particularly useful for diabetic assessment and monitoring
- The integral soft bowr rest allows for easy positioning and protects your lenses if you are a spectacle wearer

Part numbers
- 1514-P-1160 Jazz Otoscope
- 1102-P-1105 Jazz Ophthalmoscope
- 1702-P-1096 Jazz Diagnostic Set

Standard Diagnostic Set
- Standard instruments in one handy package

Part numbers
- 1514-P-1160 Standard Otoscope 2.8V
- 1102-P-1105 Standard Ophthalmoscope 2.8V
- 1702-P-1096 Standard Diagnostic Set 2.8V
- 1514-P-1161 Standard Otoscope 3.6V
- 1102-P-1106 Standard Ophthalmoscope 3.6V
- 1702-P-1097 Standard Diagnostic Set 3.6V

Accessories
- 1015-P-7031 Standard/Pocket Otoscope bulb 2.8V
- 1015-P-7023 Standard Otoscope bulb 3.6V
- 1011-P-7106 Standard/Practitioner Ophthalmoscope bulb 2.8V
- 1011-P-7114 Standard/Practitioner Ophthalmoscope bulb 3.6V
**Practitioner Otoscope**

- Unobstructed open style head for easy introduction of small instruments for wax or foreign body removal.
- Large glide less 2.5x lens for clear view of aural structures and procedures under magnification.
- Facility to undertake pneumatic testing for tympanic mobility.
- Disposable specula supplied.

**Practitioner Ophthalmoscope**

- Positive variable lens control allows you to select a range of lens powers from +40D to -25D for detailed examination of ocular structures and ease of use for spectacle wearers.
- Includes 6 beams for a full diagnostic capability and a blue filter, particularly useful for assessing corneal scratches in children.
- A red free filter for enhanced vessel examination can be used with both diagnostic beams, particularly useful for diabetic assessment and monitoring.
- Soft integral brow rest for spectacle wearers.
- Genuine Halogen illumination transmitted via optic fibres for homogeneous illumination leading to clear and accurate diagnosis for aural images.
- Large head design for unobstructed view.
- Closed head system ideally suited to pneumatic testing for tympanic mobility.
- Large glide less 2.5x magnifying lens for clear view and aural structures and wax and foreign body removal procedures under magnification.
- Disposable specula supplied.

**Fibre Optic Otoscope**

- Designed for an unobstructed view.
  - Genuine halogen illumination transmitted via optic fibres for homogeneous illumination leading to clear and accurate diagnosis for aural images.
  - Large glide lens design for unobstructed view.
  - Closed head system ideally suited to pneumatic testing for tympanic mobility.
  - Large glide less 2.5x magnifying lens for clear view and aural structures and wax and foreign body removal procedures under magnification.
  - Disposable specula supplied.

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### Part Numbers

**Practitioner Otoscope**

- 1519-P-1001 Practitioner Otoscope 2.8V
- 1519-P-1002 Practitioner Otoscope 3.6V

**Practitioner Ophthalmoscope**

- 1127-P-1005 Practitioner Ophthalmoscope 2.8V
- 1127-P-1006 Practitioner Ophthalmoscope 3.6V

**Fibre Optic Otoscope**

- 1729-P-1019 Practitioner Diagnostic Set 2.8V
- 1729-P-1023 Practitioner Diagnostic Set 3.6V

**Accessories**

- 1015-P-7066 Practitioner/Vista/Fibre Optic Ophthalmoscope bulb 2.8V
- 1015-P-7058 Practitioner/Vista/Fibre Optic Ophthalmoscope bulb 3.6V
- 1011-P-7106 Standard/Practitioner Ophthalmoscope bulb 2.8V
- 1011-P-7114 Standard/Practitioner Ophthalmoscope bulb 3.6V
**Pocket**

Ideal for the practitioner on the move and domiciliary use.

- **Pocket Otoscope**
  - Ideal for domiciliary or ward use or as a 'second' instrument
  - Closed head design particularly suited to pneumatic testing
  - 2.5x magnifying lens removable to allow the introduction of small instruments
  - Disposable specula supplied
  - Security assured from the strong metal pocket clip
  - Pocket instruments are powered by standard AA batteries

- **Pocket Ophthalmoscope**
  - Full diagnostic capability in a pocket sized instrument
  - Ideal for domiciliary or ward use or as a 'second' instrument
  - Security assured from the strong metal pocket clip
  - A total of 6 diagnostic beams
  - Pocket instruments are powered by standard AA batteries

**Pocket Diagnostic Set**

Pocket instruments in one handy package.

- **1102-P-1041** Pocket Ophthalmoscope 2.8V
- **1702-P-1037** Pocket Diagnostic Set 2.8V

**Part Numbers**

- **1015-P-7031** Standard/Pocket Otoscope bulb 2.8V
- **1011-P-7050** Pocket Ophthalmoscope bulb

**Greenlight 300 Diagnostic Wall Unit and Dispos-A-Spec**

Compact wall mounted designs ideal for ward or surgery use.

- **Greenlight 300 Diagnostic Wall Unit**
  - Display design encourages measurement to 2mmHg
  - Accuracy better than +/- 3mmHg
  - Automatic calibration
  - Extended battery life of 170 hours continuous use, with low life battery indicator

- **Dispos-A-Spec Speculum Dispenser**
  - Add to your Keeler wall unit (see page 10)
  - Dispenser comes filled with 2.5mm, 3.5mm, 4.5mm and 5.5mm disposable specula sizes
  - Lid can be easily removed to insert new specula
  - Modern, robust design matches all Keeler wall units

**Part Numbers**

- **1964-P-2020** Greenlight 300 Diagnostic Wall Unit with Greenlight
- **1964-P-1006** Greenlight 300 Diagnostic Wall Unit without Greenlight but with rail to attach
- **1964-P-2000** Dispos-A-Spec Speculum Dispenser

- **Standard/Pocket Otoscope Bulb**
- **Pocket Ophthalmoscope Bulb**
Diagnostic Wall Unit Sets and Desk Sets
Light, bright and long lasting with a robust construction for busy environments.

Rechargeable Desk Sets
Available with the Keeler range of ophthalmoscopes and otoscopes.

• Can be desk or wall mounted to suit your needs
• The new, compact, modern design is ideal for ward mounting and therefore ideal for ward, surgery, consulting room and casualty use
• Robust construction is ideally suited to the busiest working conditions
• Automatic illumination when instruments are removed from cradle with LED confirmation
• The cord outfits consist of ophthalmoscope, otoscope and double cord handle power supply
• Dispos-A-Spec Speculum Dispenser can be added to your set (see page 9 for details)

Part Numbers
1964-P-2003 Standard/Standard Diagnostic Wall Unit Set
1964-P-2002 Practitioner/Practitioner Diagnostic Wall Unit Set
1964-P-2004 Practitioner/Fibre Optic Diagnostic Wall Unit Set

Rechargeable Desk Sets
Available with the Keeler range of ophthalmoscopes and otoscopes.

• Can be desk or wall mounted to suit your needs
• The new, compact, modern design is ideal for ward mounting and therefore ideal for ward, surgery, consulting room and casualty use
• Robust construction is ideally suited to the busiest working conditions
• Automatic illumination when instruments are removed from cradle with LED confirmation
• The cord outfits consist of ophthalmoscope, otoscope and double cord handle power supply

Part Numbers
1901-P-7028 Pink
1901-P-7036 Green
1901-P-7044 Blue
1901-P-7052 Pack of Four Assorted Colour Coded Grips

Charging Systems
Charge your Keeler Instruments in style.

Double Lithium-ion Charger
The compact charger takes two handles and fits neatly into your immediate testing environment, allowing easy access to your hand held instruments. It can be table top or wall mounted.
• Fast charge in 2 hours
• Provide over 2 hours of continuous use
• LEDs indicate when battery life is low, charging or fully charged

Lithium-ion Mini Charger
The lithium-ion Mini charger can be connected quickly and simply to the base of your handle, making it the perfect choice for domiciliary visits or practitioners on the move.
• Fast charge in 2 hours
• Provide over 2 hours of continuous use
• Can use instrument whilst charging battery
• LEDs indicate when battery life is low, charging or fully charged

Part Numbers
1941-P-1368 Double Lithium Charger
1941-P-1341 Mini Lithium Charger
1941-P-1342 Lithium-ion Battery

Add a bit of colour to your diagnostic area and personalise your instruments with colour coded grips. Choose from pink, green, blue or black. Available in an assorted packet of 4 or singularly.

Part numbers: Colour Coded Grips
1901-P-7028 Pink
1901-P-7036 Green
1901-P-7044 Blue
EP29-05365 Black
1901-P-7052 Pack of Four Assorted Colour Coded Grips
Replacement Specula

1. Identify the style of your existing Specula
2. Measure the diameter

Jazz Ultra/Jazz Otoscope Specula

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<th>Diameter</th>
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<td>1514-P-7052</td>
<td>3mm Diameter</td>
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<td>1514-P-7060</td>
<td>4mm Diameter</td>
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<td>1514-P-7079</td>
<td>5mm Diameter</td>
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Pack of 100

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Standard, Practitioner, Pocket, Vista, Fibre Optic, Medic Specula

Disposable

Use without adaptor

Part Numbers

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<td>1512-P-7016</td>
<td>No 2 specula</td>
<td>3.5mm Dia</td>
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<tr>
<td>1512-P-7024</td>
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<td>1512-P-7032</td>
<td>No 4 specula</td>
<td>5.5mm Dia</td>
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<td>No 5 specula</td>
<td>8.0mm Dia</td>
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<tr>
<td>1599-P-7229</td>
<td>Set of 5 specula</td>
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Part Numbers

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<th>Pack of 12</th>
<th>Diameter</th>
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<tbody>
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<td>Pack of 12</td>
<td>(6 @ 3.5mm Dia / 6 @ 5.5mm Dia)</td>
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<td>1501-P-5197</td>
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More Keeler Instruments

For over ninety years we have manufactured top quality precision ophthalmic instruments.

View our full range at www.keeler.co.uk | www.keelerusa.com

Got a question? - Call us

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