

Keeler

Primary and Hospital Care
Catalogue



Keeler



New Keeler Ophthalmoscopes, Otoscopes, and Specialist Eye Care products

Keeler bring you an innovative range of instruments combining precision, ergonomic design and lightweight, durable materials to provide you with the best possible choice of equipment.

When you buy a Keeler instrument – What are you buying? Almost a century of experience in optics. Keeler has been manufacturing ophthalmic instruments in the UK since 1917 and we continue to lead the market with our innovative instruments. This has been achieved through our continuous program of customer involvement in the design process to ensure our instruments meet the rigorous demands of daily practice.

As a leading supplier, Keeler specialise in medical diagnostic products, providing hospital and primary professionals with the finest range of quality instruments in the world.



NEW

Jazz Ultra Set

Weighing in at just 89g, less than half the weight of an apple and measuring just 130mm the Jazz Ultra is the perfect fit for your pocket or purse.

Whether you are walking the hospital wards or the corridors of your surgery, the 'go anywhere' Jazz Ultra, with its sleek ergonomic design, will be with you every step of the way.

You can order an Ophthalmoscope, an Otoscope or a Diagnostic Set, whichever you prefer.

For further information see page 5

NEW

Keeler Slit Lamp

Introducing the new Slit Lamp from Keeler – quality build and leading technology with a contemporary design. Combining intricate performance with practical elegance, the new Slit Lamp is an instrument of true craftsmanship.

For further information see page 21



Contents

Otoscopes, Ophthalmoscopes, Power Sources and Penlights p4-17

Introduction.....	p4	Diagnostic Wall Units.....	p11
Jazz Ultra Instruments.....	p5	Desk Sets.....	p13
Jazz Instruments.....	p6	Penlights.....	p14
Standard Instruments.....	p7	Charging Systems.....	p15
Practitioner Instruments.....	p8	Specula.....	p16
Fibre Optic Otoscope.....	p9	Bulbs.....	p17
Pocket Instruments.....	p10		

Specialist Eye Care p18-23

Introduction.....	p18	Minor Surgery.....	p20
Sight Testing.....	p19	Optometry.....	p21-23
A&E.....	p20		



Otosopes, Ophthalmoscopes and Power Sources



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.

Jazz Ultra Otoscope

only one AA battery required

- Fibre Optic Otoscope uses only one AA battery
- Newly designed optical chassis provides greater optical quality and illumination accuracy
- Brilliant LED illumination lasts more than 20,000 hours, based on 4 hours use per day
- 3 x magnifying lens

Part Number

1514-P-1187 Jazz Ultra Pocket Otoscope ●



NEW



Jazz Ultra Ophthalmoscope

the perfect fit for your pocket

- 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 Dioptres
- Smooth aperture wheel for precise selection of apertures
- Protects your spectacles
- Only one AA battery required

Part Number

1102-P-1113 Jazz Ultra Pocket Ophthalmoscope ●



NEW

Jazz Ultra Diagnostic Set

Jazz Ultra instruments in one handy package with two handles

Part Number

1702-P-1109 Jazz Ultra Diagnostic Set ●



NEW

Apertures, graticules and filters

Wide Angle - Illuminates the largest area of fundus for the best possible general diagnosis through a dilated pupil.

Intermediate - Permits easier access through an undilated pupil and in peripheral examination. Particularly useful in paediatric examination.

Macular - Designed specifically for examination of the macular region of the fundus where a larger beam would create excessive pupillary reaction or patient discomfort.

Slit - Used primarily to determine retinal elevations and depressions but may 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.

Semi Circle - Provides a combination of depth perception and field of view.

Red Free - The red free filter is used to examine blood vessels in fine detail. By filtering out the red light, blood vessels are silhouetted black against a dark green background.

Cobalt Blue - Used in conjunction with fluorescein dye for the detection and examination of corneal scars and abrasions.

Jazz Otoscope

with 3 interchangeable colour rings



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

Part Number
1514-P-1160 Jazz Otoscope LED ●

All Jazz instruments are supplied with 3 interchangeable colour rings

Green LED technology

Jazz Ophthalmoscope

with 3 interchangeable colour rings

- Brilliant Xenon illumination
- +/- 20D range of powers
- Renowned high performance Keeler optics with aspherical lens

Part Number
1102-P-1092 Jazz Ophthalmoscope ●



Jazz Diagnostic Set

Jazz instruments in one handy package with two handles

Part Number
1702-P-1088 Jazz Diagnostic Set ●



Standard Otoscope

Ideal for pneumatic testing



- Closed head design particularly suited to pneumatic testing
- 2.5x magnifying lens removable to allow the introduction of small instruments
- Disposable specula supplied

Part Numbers
1518-P-1001 Standard Otoscope 2.8V ●
1518-P-1002 Standard Otoscope 3.6V ●

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

● 2.8V (Blue base) ● 3.6V (Red base)
When you order 3.6V you will need a Keeler Lithium Mini or Double Charger



Standard Ophthalmoscope

The industry standard for ward and GP use

- The positive maywheel lens control 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 brow rest allows for easy positioning and protects your lenses if you are a spectacle wearer

Part Numbers
1126-P-1005 Standard Ophthalmoscope 2.8V ●
1126-P-1006 Standard Ophthalmoscope 3.6V ●



Standard Diagnostic Set

Standard instruments in one handy package

Part Numbers
1729-P-1018 Standard Diagnostic Set 2.8V ●
1729-P-1022 Standard Diagnostic Set 3.6V ●



Practitioner Otoscope

Open design for ease of use



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

Part Numbers

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

Practitioner Ophthalmoscope

The primary care specialist's choice

- The positive maywheel lens control allows you to select a range of lens powers from +40D to - 25D. This allows detailed examination of the ocular structures and ease of use for spectacle wearers
- The Practitioner 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 allows for easy positioning and protects your lenses if you are a spectacle wearer



Part Numbers

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



Practitioner Diagnostic Set

Practitioner instruments in one handy package

Part Numbers

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



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 head design for unobstructed view
- Closed head system ideally suited to pneumatic testing for tympanic mobility
- Large slide aside 2.5x magnifying lens for clear view and aural structures and wax and foreign body removal procedures under magnification
- Disposable specula supplied

Part Numbers

- 1514-P-1136 Fibre Optic Otoscope 2.8V
- 1514-P-1144 Fibre Optic Otoscope 3.6V

Practitioner Ophthalmoscope

The primary care specialist's choice

- The positive maywheel lens control allows you to select a range of lens powers from +40D to - 25D. This allows detailed examination of the ocular structures and ease of use for spectacle wearers
- The Practitioner 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 allows for easy positioning and protects your lenses if you are a spectacle wearer



Part Numbers

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



Fibre Optic Diagnostic Set

Fibre Optic instruments in one handy package

Part Numbers

- 1729-P-1020 Practitioner / Fibre Optic Otoscope Diagnostic Set 2.8V
- 1729-P-1024 Practitioner / Fibre Optic Otoscope Diagnostic Set 3.6V
- 1729-P-1041 Standard / Fibre Optic Otoscope Diagnostic Set 2.8V



Pocket Otoscope

Ideal for domiciliary use



- 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 from the strong metal pocket clip
- Pocket instruments are powered by standard AA batteries

Part Number

1503-P-1034 Pocket Otoscope 2.8V ●



Pocket Ophthalmoscope

Ideal for the practitioner on the move

- 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



Part Number

1102-P-1041 Pocket Ophthalmoscope 2.8V ●



Pocket Diagnostic Set

Pocket instruments in one handy package

Part Number

1702-P-1037 Pocket Diagnostic Set 2.8V ●



Greenlight 300 Diagnostic Wall Unit

Ideal for ward or surgery use



- 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

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

Windsor bpm Diagnostic Wall Unit

Compact wall mounted design

- Recommended by the British Hypertension Society
- Large Diameter white dial
- Supplied with adult velcro cuff, latex free bulb
- Cuff stored behind dial
- Range 0-300mmHg

Part Number

1964-P-2021 Windsor bpm Diagnostic Wall Unit



Diagnostic Wall Unit Sets

Robust construction for busy environments



NEW Cord
Handle Outfits
and Slimline
Handles

Keeler's anti-theft designed ophthalmoscopes and otoscopes have a lockable head and handle fitting. So you'll always find them where you left them.

- The new, compact wall mounted design is ideal for ward, surgery, consulting room and casualty use
- Strong coiled tangle-free cable permits instrument use up to 3 metres from transformer
- The 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

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

Light, bright and long lasting



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 wall mounting and therefore ideal for ward, surgery, consulting room and casualty use
- Robust construction is ideally suited to the busiest working conditions
- Lithium-ion technology provides over 2 hours of continuous use, and 2 hour rapid charge
- LEDs indicate when battery life is low, charging or fully charged



Part Numbers

1729-P-1029	Standard / Standard Rechargeable Desk Set
1729-P-1028	Practitioner / Practitioner Rechargeable Desk Set
1729-P-1030	Practitioner / Fibre Optic Otoloscope Rechargeable Desk Set

NEW Desk Outfits with Lithium
Charger and Slimline
Handles

Dispos-A-Spec

Optional Speculum Dispenser

Add to your new Keeler wall unit or simply display it next to your existing Keeler wall unit.

- Dispenser comes filled with 25 x 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 Number

1964-P-2000	Dispos-A-Spec
--------------------	---------------



new colour coded grips available

Add a bit of colour to your diagnostic area.

Now available in four colours these new grips are not only fun but functional too!

Choose from pink, green, blue or black. Available in a packet of 4 or singularly.

Part Numbers

1901-P-7028	Pink
1901-P-7036	Green
1901-P-7044	Blue
EP29-05365	Black
1901-P-7052	Mixed pack of 4 grips



Penlights

The practical solution



Economically priced diagnostic penlights with silver metal casing.

- 2.2 V vacuum lamp
- Includes 2 batteries type AAA
- Aluminium outer casing with disinfectable special lacquer
- Practical metal clip for attaching to the physician's coat
- Simple on/off function through contact with the metal clip

Part Numbers

- 1602-P-1080 Silver Penlight
- 1602-P-1072 Silver Penlights, pack of 6
- 1602-P-1013 White Disposable Pen Torch, pack of 6



Charging Systems

Charge your Keeler instruments in style



Double Lithium-ion Charger

Fast charge in 2 hours

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
- Provides over 2 hours of continuous use
- LEDs indicate when battery life is low, charging or fully charged

Part Number

- 1941-P-1368 Double Lithium Charger

Lithium-ion Mini Charger

Connects to the base of your handle

The Lithium-ion Mini charger can be connected quickly and simply to the base of your Keeler handle, making it the perfect choice for domiciliary visits or practitioners on the move.

- Fast charge in 2 hours
- Provides over 2 hours of continuous use
- Can use instrument whilst charging battery
- LEDs indicate when battery life is low, charging or fully charged



Part Number

- 1941-P-1341 Mini Lithium Charger

Lithium-ion Battery

Part Number

- EP39-18918 Lithium-ion Battery



Keeler hand held Otoscopes

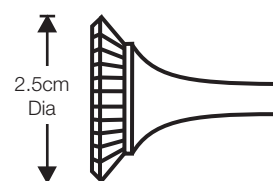
Specifying a replacement Specula



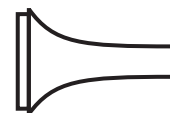
1. Identify the style of your existing Specula
2. Measure the diameter

Specula

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



Disposable
Use without adaptor



Part Numbers

- 1512-P-7008 No 1 specula 2.5mm Dia
- 1512-P-7016 No 2 specula 3.5mm Dia
- 1512-P-7024 No 3 specula 4.5mm Dia
- 1512-P-7032 No 4 specula 5.5mm Dia
- 1512-P-7040 No 5 specula 8.0mm Dia
- 1599-P-7229 Set of 5 specula

Part Numbers

- 1513-P-7026 Pack of 12
(6 @ 3.5mm Dia / 6 @ 5.5mm Dia)
- 1501-P-5197 2.5mm Dia, bag of 500
- 1501-P-5170 3.5mm Dia, bag of 500
- 1501-P-5218 4.5mm Dia, bag of 500
- 1501-P-5189 5.5mm Dia, bag of 500

New Jazz Oscope Disposable Specula

Part Numbers

- 1514-P-7056 2mm Diameter, pack of 10
- 1514-P-7044 2.5mm Diameter, pack of 10
- 1514-P-7052 3mm Diameter, pack of 10
- 1514-P-7060 4mm Diameter, pack of 10
- 1514-P-7079 5mm Diameter, pack of 10

- 1514-P-7087 2mm Diameter, pack of 100
- 1514-P-7095 2.5mm Diameter, pack of 100
- 1514-P-7108 3mm Diameter, pack of 100
- 1514-P-7116 4mm Diameter, pack of 100
- 1514-P-7124 5mm Diameter, pack of 100



Bulbs

Brighter, whiter illumination

All Keeler instruments use genuine Halogen and Xenon technology, yielding a brighter, whiter illumination and a longer life.

Look at the bottom of your bulb to identify if your instrument is 2.8V (Dry cell battery) or 3.6V (Rechargeable battery).



Blue 2.8V



Red 3.6V



Pocket Ophthalmoscope bulb

Part Number

1011-P-7050

These bulbs are supplied in packs of two

Standard / Practitioner Ophthalmoscope bulb

Part Numbers

1011-P-7106 2.8V or 1011-P-7114 3.6V

Standard, Pocket, Oscope bulb

Part Numbers

1015-P-7031 2.8V or 1015-P-7023 3.6V

Vista Ophthalmoscope bulb

Part Numbers

1011-P-7042 2.8V or 1011-P-7034 3.6V

Practitioner, Vista Fibre Optic Oscope bulb

Part Numbers

1015-P-7066 2.8V or 1015-P-7058 3.6V

Jazz Ophthalmoscope bulb

Part Number

1011-P-5530





Specialist Eye Care

From the leading UK manufacturer

As the leading ophthalmic manufacturer in the UK, we are able to offer a wide range of products for sight testing, Ophthalmology, Optometry and Minor surgery. The next couple of pages provide you with a wide range of products we can supply for any eyecare speciality including Tonometry and Ophthalmoscopy.

Sight Testing

Practical solutions for busy clinics

Keeler Finesse



The Keeler Finesse is an all purpose, internally illuminated, infrared, remote controlled indirect test type.

The Keeler Finesse Elite comes with additional Fan and Block for measurement of astigmatism.

- Interchangeable Panel
- Motorised Drum
- Mallet Fixation Disparity Test
- Concentric Circles
- Duochrome Test

Part Numbers

- 2204-P-2306** Keeler Finesse
- 2204-P-2322** Keeler Finesse Elite with additional Fan and Block

LogMAR Crowded Test

More subtle definition of changes between acuity ranges specifically in amblyopic children.

- Ideal for testing acuity of children from 3 years of age
- 3m working distance
- 4 letters at each acuity level from 6/3 to 6/38
- Laminated and washable.



Part Number

- 2204-P-1231** LogMAR Crowded Test



Sheridan Gardiner Test

Well established test designed for children but suitable for disabled people, those with learning difficulties or patients who do not share a common language with the examiner.

Part Numbers

- 2204-P-1004** Sheridan Gardiner Test without Orthoptic booklets
- 2204-P-1063** Sheridan Gardiner Test with Orthoptic booklets

Accident and Emergency

Windsor bpm Diagnostic Wall Unit

- Large Diameter white dial
- Supplied with adult velcro cuff, latex free bulb
- Cuff stored behind dial
- Range 0-300mmHg

Part Numbers

1964-P-2021 Windsor bpm Diagnostic Wall Unit



Minor Surgery

Take a closer look with Keeler Mini Loupes



- Ultra light and comfortable
- Excellent image and great field of view
- Excellent peripheral vision

Part Numbers - 2.5 x Magnification

2112-P-1064	34cm working distance, 7.5cm field of view
2112-P-1065	42cm working distance, 9.5cm field of view
2112-P-1066	46cm working distance, 10.5cm field of view
2112-P-1067	50cm working distance, 11.4cm field of view



Optometry

Reliable, robust instruments from the name you trust

New Keeler Slit Lamp



Beautifully crafted Slit Lamps

- LED and Halogen Bulb systems available
- Magnification - x6, x10, x16, x25 and x40
- Slit Width - 0 to 12mm (1.8mm to 12mm continuously variable)
- Slit Length - 12mm (1.8mm to 12mm continuously variable)
- Aperture diameters - 0.2mm, 1mm square, 2mm, 3mm, 5mm, 9mm and 12mm
- Filters - Clear, red free, neutral density, diffuser, blue, IR heat absorbing filter permanently installed

NEW

Part Numbers

3020-P-2007	Slit Lamp 40H LED, Standard Set complete with Table Top
3020-P-2006	Slit Lamp 40H LED, Refraction Unit Set
3020-P-2008	Slit Lamp 40H LED, Standard Set complete on Table Leg
3020-P-2000	Slit Lamp 40H, Standard Set complete with Table Top
3020-P-2003	Slit Lamp 40H, Refraction Unit Set
3020-P-2002	Slit Lamp 40H, Standard Set complete on Table Leg
3020-P-7000	Table leg, multi voltage IEC input, twin IEC output socket, electric elevation, with castors

“The Slit Lamp has outstanding optics and represents excellent value for money - highly recommended”

Mr Eric Ezra Director of Vitreoretinal Surgery, Moorfields Eye Hospital



Optometry

Flexible instruments to meet your patients' needs

Pulsair intelliPuff Non Contact Tonometer



- Wall or desk mounted flexible Non Contact Tonometer**
- Hand held optical mainframe allows the clinician to measure all patients with equal comfort and respect
 - Avoids the need to position the patient in a chinrest
 - Requires no sterile consumables and printing is under your control so ongoing costs are managed

Part Numbers

2414-P-2001	intelliPuff unit
2208-L-7008	Printer paper roll
EP79-43563	12V Car Socket Power Adapter



PSL Portable Slit Lamps

- Versatile and portable Slit Lamps**
- Advanced optics: 10x magnification, PSL one 10x and 16x magnifications, PSL Classic
 - Controllable illumination with over 2,000 hours of bulb life
 - Unique features such as the fixation targets, and the 1mm square light patch

Part Numbers

3010-P-2000	PSL Classic Portable Slit Lamp
3010-P-7000	PSL Classic Aluminum Carrying Case
3010-P-7010	PSL iPhone 4 imaging adapter
3010-P-2001	PSL one with iPhone 4 imaging adapter



PSL Classic



PSL one



KAT - Keeler Applanation Tonometer

- Reliable and repeatable applanation tonometry**
- Widely acclaimed Goldmann applanation principle
 - High precision engineering design to withstand the test of time
 - The take-away T type KAT is fitted to the guide plate on the optical axis for the microscope and illumination unit arm
 - The fixed R type is mounted on a post fitted to the microscope optical body
 - The BQ type is designed specifically to fit the Haag Streit BQ, BP and BX Slit Lamps and fits directly to the optics support arm

Part Numbers

2414-P-2030	KAT – Keeler Applanation Tonometer T type
2414-P-2040	KAT – Keeler Applanation Tonometer R type
2414-P-2020	KAT – Keeler Applanation Tonometer BQ type



R type (fixed)

T type (take-away)

BQ type

New D-KAT Digital Applanation Tonometer

NEW

- Discover the new standard**
- Available in both fixed and takeaway variants
 - LED display for ease of use in darkened environments
 - Display reading to 1 decimal point
 - Low battery usage
 - Less moving parts, meaning increased reliability and less maintenance

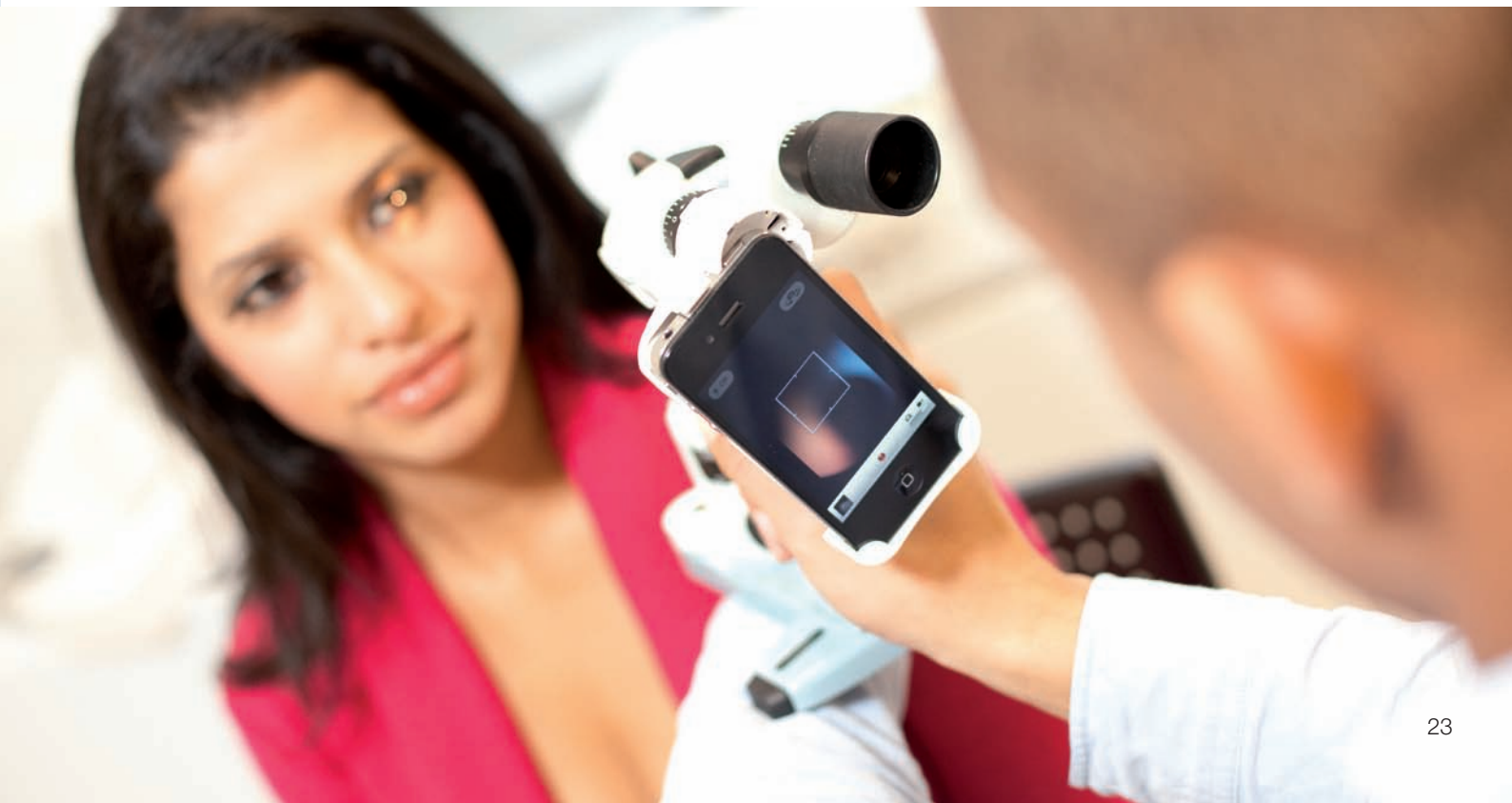


R type (fixed)

T type (take-away)

Part Numbers

2414-P-2032	D-KAT T type
2414-P-2042	D-KAT R type





Distributor

Keeler Ltd.
Clewer Hill Road
Windsor
Berkshire SL4 4AA
UK
Tel: +44 (0) 1753 857177
Fax: +44 (0) 1753 827145
Email: info@keeler.co.uk
Website: www.keeler.co.uk



Keeler