

Precision Beyond Excellence



Diagnostic Catalogue



An Introduction

Incorporated in 1996 as a surgical instrument manufacturing company by Mr. Arshad Iqbal, Vitra International has diversified into exports of the same and added diagnostic equipment to its line of products. Vitra International is a professionally managed company that believes firmly in high quality and committed care giving with the best that instrumentation has to offer. This belief is an offshoot of the humanitarian outlook and care that is very much the need of the hour for people who are unfortunate enough to need it.

The passion and commitment of Vitra International is reflected in its line of products that are considered some of the very best in the world. In over a decade of manufacturing surgical and allied products, Vitra International has grown leaps and bounds especially in the export industry. With the kind of commitment that Vitra International has to health care, they place a lot of emphasis on quality and this emphasis has been the corner stone of growth. To add to this, the export business and a demand for quality health care instruments have boosted the growth of Vitra international immensely.

The vision of a Vitra International's highly experienced and visionary managements is to help provide quality healthcare of the highest quality at the most affordable prices. In this direction Vitra International has taken a lot of steps to ensure and secure repeat business, especially in the export industry.

While acquiring equipment from Vitra International the clients are assured of cutting-edge technology, world-class quality, competitive pricing and punctual deliverance.

The Organization

Vitra International has today grown to become a global contender in the surgical instruments industry owing to professional and committed workforce. The work environment at Vitra International is a mix of high professionalism and planned co-ordination.

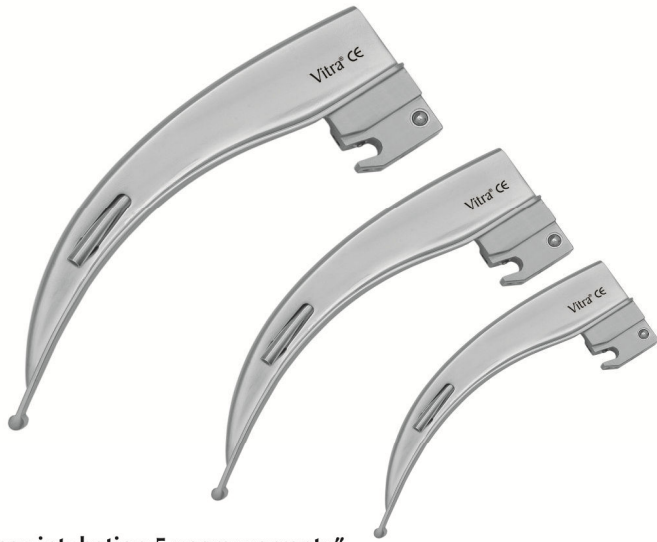
The Hierarchy

At Vitra International, the head of the organization is the General Manager who, in a stark difference from most professionally managed companies, looks into almost all day-to-day business making sure that every instrument or equipment we produce is of the highest quality and goes through the requisite and strict quality checks.

Technical Support

This department is responsible for all technology that we use to produce world-class surgical instruments as well as diagnostic instruments. It is also responsible for maintenance of the machines and other manufacturing equipment, technical support to personnel and the research & development that is a perpetual process.

we look forward to hearing from you and to the opportunity of meeting your diagnostic instruments needs.



“Easy intubation 5 years warranty”

Macintosh Fiber Optic Laryngoscope Blade VIT-1001

Newly redesigned blade and tip for improved performance and decreased risk of trauma to teeth and tissues. Surpassing quality of product with homogeneous bright light makes our laryngoscope lead the market.

Salient Features:

- Matt chrome plated body
- Sterilized at high temperature
- XHL xenon halogen technology
- Bright white light with 40% more illumination
- Free packing in parachute pouch

Size	Overall length	Distal Width
Mac 0	82mm	9mm
Mac 1	93mm	11mm
Mac 2	115mm	13mm
Mac 3m <small>(stronger curve)</small>	135mm	15mm
Mac 3	135mm	15mm
Mac 4	155mm	15mm
Mac 5	176mm	15mm



Mac 3 end-view



Mac 3 side-view

Macintosh Integra Fiber Optic Laryngoscope Blade VIT-1002

Integra blade with 4.3 diameter and upto 6500 individual micro-fibers for improved light transmission and longer life.

Salient Features:

- XHL xenon halogen technology for upto 40% more light
- With classic+ there are no connecting screws to get lost, no external light path ways to get wrong and tricky openings or crevices to get dirty a major contribution to eliminating cross infection
- Smooth shape avoid sharp edges and cavities
- No maintenance need ever

Compatible with all green standard handles



Miller Fiber Optic Laryngoscope Blade VIT-1003

The miller classic + F.O blades with improved geometry simplify intubation. The shortened shoulder view of the epiglottis and vocal cords. The distal lip of the blade feature a special atraumatic shape.

Salient Features:

- Improved geometry simplify intubation
- XHL xenon halogen technology for upto 40% more light
- No connecting screws to get lost
- No external light path ways to get wrong and no tricky opening or crevices to get - a major contribution to eliminating cross infection
- Smooth shape avoids sharp edges and cavities for easy cleaning and sterilizing
- These blades needs no maintenance - ever

Size	Overall length
Miller 00	76mm
Miller 0	80mm
Miller 1	100mm
Miller 2	152mm
Miller 3	192mm
Miller 4	207mm
WIS 1	110mm
WIS 2	130mm
WIS 3	160mm
Paed 0	82mm
Paed 1	95mm



Miller end-view



WIS end-view



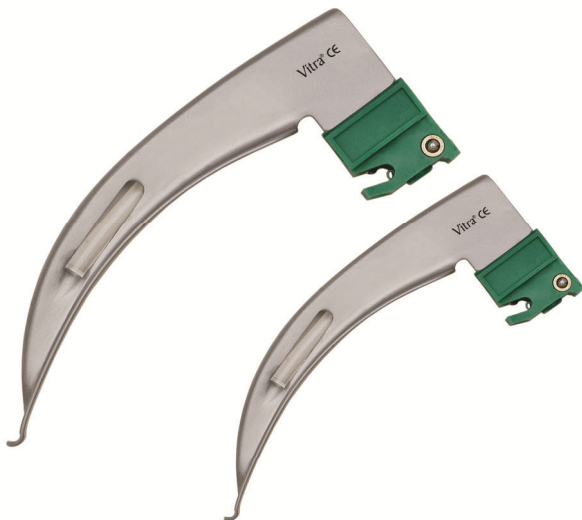
Paed end-view



WIS Side-View



Paed side-view



Disposable/Single use Laryngoscope Blade VIT-1004

Fiber Optic hybrid metal laryngoscope blade with a reinforced nylon base locking system design for single patient use to fit all green handles.

Salient Features:

- Reduced risk of soft tissue injury
- Positive locking system
- Enhanced vision
- Reduce risk of damaging patient teeth
- Eliminates risk of cross infection
- These blades needs no maintenance - ever

Size
Disposable mac 1
Disposable mac 2
Disposable mac 3
Disposable mac 4
Disposable miller 1
Disposable miller 2
Disposable miller 3
Disposable miller 4

Also going to introduce single use flectip Fiber Optic blade in sizes 3 and 4, which can fit on all green standard handles.

Flexitip+ Fiber Optic Laryngoscope Blade VIT-1005

A Useful tip for a difficult intubation

The Flexitip+ is a macintosh laryngoscope blade with a tip which is adjustable through 70°. A lever controls the tip angle during intubation to lift the epiglottis, giving a clear view of vocal cords. Contact with the upper row of teeth and unnecessary pressure on the tongue and soft tissues are avoided.

Salient Features:

- With a 4.3mm diameter and upto 6500 individual micro fibers for improved light transmission and longer life
- XHL xenon halogen technology for upto 40% more light than conventional halogen bulbs
- Swivelling blade tip facilitates a difficult intubation
- Reduced likelihood of damage of teeth and soft tissues
- Integrated fiber optics for the best possible illumination
- Autoclavable
- Fits all standard fiber optic green handles

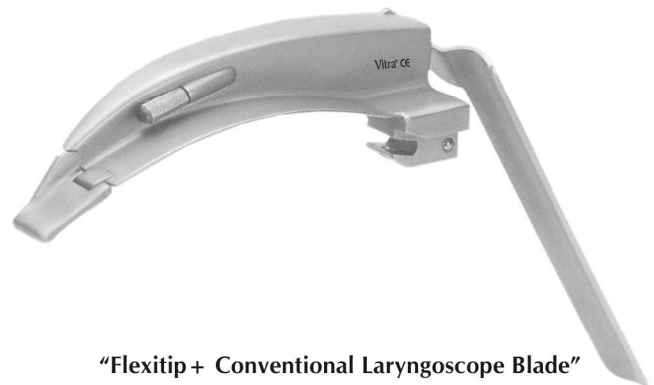
Flexitip+ FiberOptic Laryngoscope blade

Mac 3

Mac 4



“Swivelling Blade Tip”



“Flexitip+ Conventional Laryngoscope Blade”



Robert Shaw Fiber Optic Blade VIT-1006

Design for neonatal and infant use, the Robert Shaw blade features a gentle shallow curvature of the blade to lift the epiglottis indirectly in a similar way to macintosh blades.

Size

Robert Shaw Fiber Optic blade No. 0
Robert Shaw Fiber Optic blade No. 1



Wisconsin Fiber Optic Blade VIT-1007

Design for neonatal use, the Wisconsin blade provide an improved view than a standard miller blade and also provides greater control on epiglottis with the subtly wider distal end of the blade.

Size

Wisconsin Fiber Optic blade No. 0
Wisconsin Fiber Optic blade No. 1
Wisconsin Fiber Optic blade No. 2
Wisconsin Fiber Optic blade No. 3
Wisconsin Fiber Optic blade No. 4



Macintosh Conventional Laryngoscope Blade VIT-1008

Conventional range of laryngoscope are manufactured from high quality stainless steel supported by life time guarantee. The light bulb in the blade can easily be changed and the distance from the bulb to the blade tip will protect the patient from accidental burns, whilst providing a high level illumination.

Salient Features:

- High quality stainless steel
- Full autoclavable blades
- Full range of blade sizes
- Affordable prices

<u>Size (Mac)</u>	<u>Size (Miller)</u>
<u>Conventional Mac 0</u>	<u>Conventional Miller 0</u>
<u>Conventional Mac 1</u>	<u>Conventional Miller 1</u>
<u>Conventional Mac 2</u>	<u>Conventional Miller 2</u>
<u>Conventional Mac 3</u>	<u>Conventional Miller 3</u>
<u>Conventional Mac 4</u>	<u>Conventional Miller 4</u>

“Miller Conventional Laryngoscope Blade”



Fiber Optic Re-usable Laryngoscope Handles

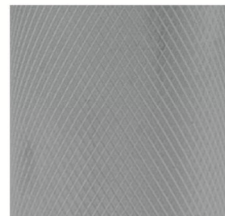
VIT-1009

All handles are bipolar. The handles can be opened from both ends (top and bottom) in order to remove swelled batteries with ease, whilst providing a high level illumination.

Handles Types:

- Mini- Knurled
- Mini-Smooth
- Standard Knurled
- Standard Smooth
- Stubby Knurled
- Stubby Smooth

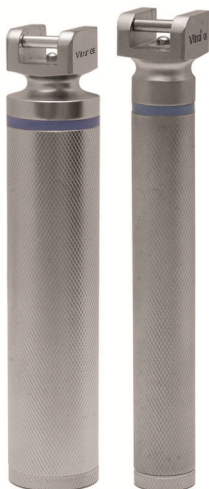
We also have some special design handles for more better grip and comfort.



Knurled



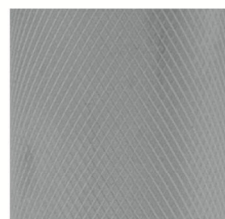
Smooth



Conventional Re-usable Laryngoscope Handles

VIT-1010

The conventional handles can be opened from both ends (top and bottom) in order to remove swelled batteries with ease, whilst providing a high level illumination.



Knurled



Smooth



“Direct Light or Conventional Otoscope also available in Metal Body”

Vitra LINA 550: Metal Body Fiber Optic Otoscope

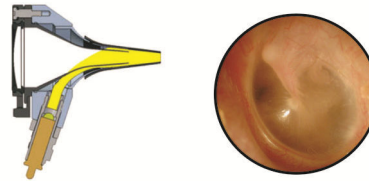
VIT-1011

The Ultimate in Performance and Quality

Solid, all metal construction. A quality instruments for the physician's office with Fiber Optic (F.O) illumination. Large diameter viewing window, Insufflation port. The swivel window features an airtight seal.

Salient Features:

- Distal Fiber Optic (F.O) illumination with XHL Xenon Halogen Technology
- Homogenous, reflex –free illumination of ear canal and tympanum
- Large, scratch-resistant glass viewing window with 3x magnification
- Unobstructed view, distortion-free image
- Airtight window seal, Reliable test of tympanic mobility
- Swivelling viewing window built into instrument
- Useful for instrumentation, cannot be mislaid
- Matt-chrome-plated metal construction
- Durable and easy to clean.



“Direct Light or Conventional Otoscope also available in Mini Plastic Body”

Vitra LINA 600: Mini Plastic Body Fiber Optic Otoscope

VIT-1012

Superior Full-Size Performance in a Convenient Compact Format

Quality instrument for the pocket with the Fiber Optic (F.O) Illumination for the perfect view. The first 3.5V Xenon Halogen illumination compact otoscope.

Salient Features:

- Distal Fiber Optic (F.O) illumination with XHL Xenon Halogen Technology
- Homogenous, reflex –free illumination of ear canal and tympanum
- Large, scratch-resistant glass viewing window with 3x magnification
- Unobstructed view, distortion-free image
- Airtight window seal, Reliable test of tympanic mobility
- Swivelling viewing window built into instrument
- Useful for instrumentation, cannot be mislaid
- Insufflation port, for pneumatic testing
- High-impact poly carbonate
- Replaceable batteries size AA



Available in 7 different colors.



Free disposable tips-8 pieces

Vitra LINA 5500 Mini F.O Fiber Optic Otoscope 2014D

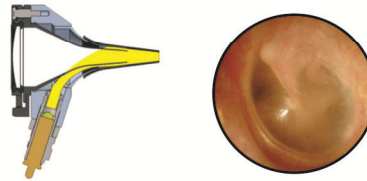
VIT-1013

Compact pocket otoscope with Fiber Optic (F.O) illumination

Modern pocket otoscope in a unique, compact design. Handy and powerful.

Salient Features:

- Distal Fiber Optic (F.O) illumination with enhanced XHL Xenon Halogen Technology producing 100% more light than conventional bulbs.
- Homogenous, reflex free illumination of ear canal and tympanum.
- Viewing window with 3x magnification and optimized casing surface for razor-sharp images and minimal reflection. Swivelling viewing window build into instrument.
- High quality handle: Chrome-finish upper section/refined plastic. Shockproof, sturdy, non-slip.
- Replaceable batteries size AA



Tongue Depressor

VIT-1015

Compact All Purpose Illuminator with Integrated Tongue Blade Holder

Sturdy, long life pocket diagnostic lights in a compact, modern design in seven colors

Salient Features:

- many applications: can be used as a general illuminator and as an illuminated
- XHL Xenon halogen bulb with 80% more light compare to conventional bulbs
- Replaceable batteries size AA

Pen Torch

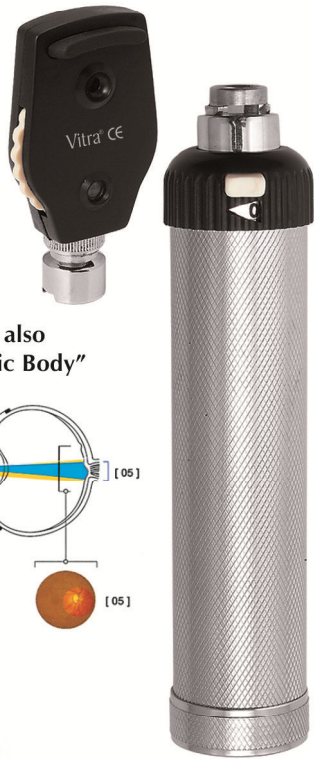
VIT-1014

Compact Pocket Pen Torch With XHL Xenon Technology

Modern pocket pen torch in a unique, compact design. Handy and powerful.

Salient Features:

- Open from both top and bottom to insert AA batteries
- Shockproof, sturdy, non-slip
- XHL Xenon halogen bulb with 80% more light compare to conventional bulbs
- Replaceable batteries size AA



Metal Ophthalmoscope VIT-1016

Our Metal Ophthalmoscopes are famous for exceptional clear retinal image. Metal body increase durability and superior quality lenses increase dependability.

Salient Features:

- ▣ Unique optical system. optimizes the gullstrand principal with aspherical optics(seperation of illumination and observation beam). Corneal and iris reflexes are illuminated, a full view is guaranteed even with small pupils
- ▣ Ergonomic shape. Instrument fits the orbita comfortably in any position
- ▣ Lens range: perfect focus even with high refractive errors
- ▣ Ultra Precise Optics
- ▣ Sealed Optics for Better Dust Protection
- ▣ XHL Xenon Halogen Technology
- ▣ Brilliant Retinal Image
- ▣ Fits in Orbita Comfortably in any Position
- ▣ 23 Lenses

Apertures

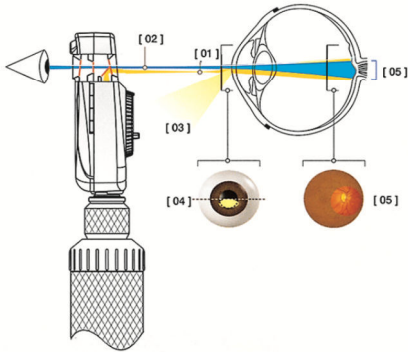


Cobalt blue filter, fixation star with polar co-ordinates, large spot, small spot, pinhole, slit, hemispot



With red-free filter:
Cobalt blue filter, fixation star with polar co-ordinates, large spot, small spot, pinhole, slit, hemispot

“Ophthalmoscope also available in Mini Plastic Body”



Dust proof housing. Maintenance-free
Eliminates corneal reflex
Ideal for small pupils

04 | Diagnostic Set

Diagnostic Set VIT-1017

Our all-in-one Diagnostic Set, made with top quality material and extra-care for excellent performance and reliability. It is presented in plastic case or wooden box.

Salient Features:

- ▣ Metal Otoscope x 1 piece
- ▣ Disposable Specula x 3 pieces – Size 1, 2, 3
- ▣ Ophthalmoscope x 1 piece
- ▣ Stainless Steel Speculum x 1 piece
- ▣ Tongue Depressor Attachment x 1 piece
- ▣ L-pipe with Bulb x 1 piece
- ▣ Dental Mirrors x 2 piece
- ▣ Free Packing in Plastic Case or Wooden Box



Laryngoscope Packaging



Standard plastic cases



Leather cylinder cases



Available in 7 different colors.



Parachute pouch
(For Single Blade And Handle)

Otoscope Packaging



Leather pouch
(For Metal Body Otoscope)

Plastic case
(For Vitra Lina 5500 Mini F.O Fiber Optic Otoscope 2014D)



Parachute pouch



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