Vet-Wave®
Otoscope Solutions

Digital veterinary otoscope

vet•wave®

Firefly

The Firefly is one of the most advanced portable digital video otoscopes in the industry, and is able to capture extremely precise images and video sequences of the ear canal.Combined with the easy-to-connect NX Vet-Wave® device, it is a powerful observation tool, providing veterinarians with a further useful aid for proper diagnosis.

150X MAGNIFICATION
Optical magnifi cation of up to 50x and digital magnifi cation of up to 150x for an extremely precise analysis.

HIGH RESOLUTION LED
High-resolution, high-quality LED with variable brightness control.

MULTILAYER GLASS LENSES
Multilayer glass, rather than of plastic, lenses for crystal-clear images and excellent focal depth.

1.3 EFFECTIVE MEGAPIXELS
1.3 effective megapixels, with no interpolation and no image lags, thanks to a cutting-edge image processing engine that eliminates almost all image acquisition and display lags normally associated with large quantities of pixels, ensuring an intuitive user experience.

The Firefly otoscope allows integration with the Vet-Wave® advanced diagnostic imaging device

Managing incoming light is a huge challenge in the design of digital sensors. Device sensitivity can easily be altered by refl ected light and leaks, leading to issues with overexposure and faded images. Firefly significantly reduces overexposure by using specially designed lenses and highly effi cient image processing algorithms. The powerful technology used to manage overexposure also allows full exploitation of high-resolution LEDs, ensuring that observed objects are always perfectly lit, with no unwanted effects. Finally, since the efficiency of sophisticated image processing algorithms depends on excellent depth perception and image sharpness, the Firefly is equipped with multilayer lenses made of glass, rather than plastic, which provide crystal clear images and outstanding focal depth.

Extremely clear and accurate otoscopic examinations

Rapid acquisition of snapshot images and videos

Optical magnification of up to 50x and digital magnification of

TECHNICAL SPECIFICATIONS

Sensor resolution	1.3 effective Megapixels (1280 x 1024)
Magnification	Native lens: 15x – 50x
Digital: 1	5x – 150x
Lenses	Double lenses, three-layer glass, 650 nm cut-off
Video	Format: YUY2, MJPG
Frame rate:	30 FPS
Video/image properties	Colour: hue, saturation
	Exposure: brightness, contrast
	Image: sharpness, gamma
Image/video file	JPG / BMP / AVI
Lighting	4 high-resolution LEDs
	Fully adjustable brightness
Interface	USB 2.0
Accessories	Complete with 4mm/5mm/7mm specula
Dimensions	13cm x 3.6cm x 4cm
Software	Integrated with the VET-WAVE® software
Warranty	1-year warranty, hardware only

OPTIONAL ACCESSORIES

Set of XL specula (ES108)
Optional set containing 6 metal specula of various lengths, two with operating channels.

For more information visit **www.vet-wave.com**

vet•wave®

Making ear examinations easier

ASSOBIOMEDICA
INVITALIA
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Investing in your future