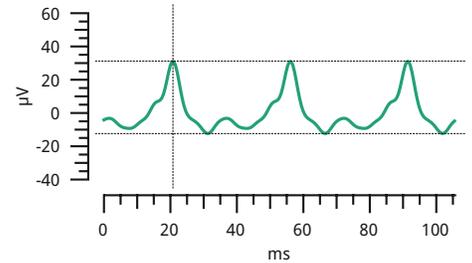




**LKC**  
TECHNOLOGIES  
VISION DEFINED™

# RETevet™ for animals

## VISUAL ELECTRODIAGNOSTIC SYSTEM



EASY



EFFICIENT



RELIABLE



### TEST RETINA FUNCTION IN MINUTES

The **RETevet** device brings comprehensive electrophysiology technology to any clinical setting. Quick testing for animals big and small with photopic and scotopic flash ERGs. Assess retinal function with ease and efficiency.

IMMEDIATE RESULTS

DISEASE MONITORING

TREATMENT PLAN

# ARE YOU GETTING THE FULL PICTURE?



## EASY TO USE

- An intuitive user interface
- Easy to select protocols to match your practice needs, including custom protocols
- No need for external filters for dim flashes
- RGB LED technology
- 15 million color combinations
- All flashes electronically controlled
- Multilingual interface in 17+ languages

## EASY TO INTEGRATE INTO THE PRACTICE

- Extremely small – weighs only 8.5 oz (240 g) and measures 4" x 6" (10.5 cm x 15.5 cm)
- Completely portable and battery powered
- Waveform and measurements are immediately viewable on the device
- Comprehensive reports in PDF formats to facilitate interpretation – professional quality reports to share with pet owners and staff
- Easy USB connection to any PC

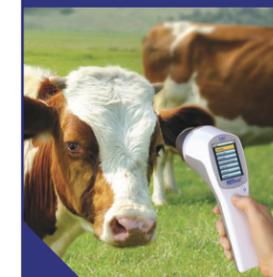
## CLINICAL

- Diagnostics<sup>1</sup>
- Pre-surgical retinal assessment<sup>2</sup>
- Anesthesia is optional based on patient



## FIELD

- Research and clinical
- Handheld, portable, robust
- The device can be brought to large animals (great for larger animals such as horses, cows, and for zoo use, etc.)



- Drug development
- Quick, high volume results
- FDA-cleared quality



## LABORATORY

- Basic discovery
- Adaptability, versatility, testing anywhere, anytime
- Hard carrying case available for easy transport



## WILDLIFE

<sup>1</sup> Kraszewska, et al. Is an electroretinogram in Sudden Acquired Retinal Disorder (SARDS) really flat? Poster Presentation, The Association for Research in Vision and Ophthalmology (ARVO). 2017.  
<sup>2</sup> Kraszewska, et al. Adapting the RETeval ERG Device into a Veterinary Tool (RETevet). Poster Presentation, The Association for Research in Vision and Ophthalmology (ARVO). 2016.

# HOW THE RETevet DEVICE DEFINES YOUR VISION

## ■ TRUSTED GLOBAL BRAND

For over 40 years, LKC Technologies has led the visual electrophysiology field. With the RETevet device, LKC is transforming veterinary ophthalmology and research with a worldclass device that is so safe and effective that it is cleared by the FDA for clinical use, but tailored to the specific needs of the practicing veterinary ophthalmologist.

## ■ HANDHELD AND BATTERY POWERED

The RETevet device is completely handheld and battery powered, making it ideal for use in any clinical or research setting. Whether in a clinic, in the field, a laboratory, or at a remote location with wild animals, the device can be utilized efficiently and effectively for ERG testing on un-anesthetized or anesthetized animals.

## ■ SAVE TIME, TEST RIGHT THE FIRST TIME

The RETevet device allows veterinary ophthalmologists and researchers to visualize in real time the animal's eye directly on the device via the built-in infrared camera. The internal photometer ensures calibration before every test, and when combined with low noise and freedom from cell-phone interference, provides fast, accurate, and repeatable results each and every time.

## ■ NO INSTALLATION AND MINIMAL TRAINING REQUIRED

The RETevet device does not require a complex, onsite installation or dedicated floor space, it arrives ready to use. The device features a simple joystick operation and an intuitive user interface.

## ● WHAT THE PROFESSIONALS SAY

*"Our organization has implemented the RETevet device at multiple locations. The ability to visualize the animal's eye throughout the entire procedure ensures proper electrode placement, more accurate testing, and minimal downtime between patients. The device has significantly less background interference which allows our patients to be tested without sedation. These features enable our staff to test more animals in an affordable manner. We are impressed with the performance and capability of LKC's RETevet device."*

**Frank J. Frassetto III**

ACHE, BSHM, CRT., Chief Operating Officer, Eye Care for Animals

*"I have been a loyal LKC customer for over 20 years. I started with the UTAS system for ERG testing to determine not just surgery candidacy for patients with cataracts, but also to thoroughly evaluate retinal function in cases with retinopathy and vision loss. I added the RETevet device to my practice because of the ease of use, portability, and ability to get repeatable test results. In my experience, LKC products have less variability in test results, making the RETevet perfect to use between my practice locations to get the same results for all our patients. I also took advantage of the fact that LKC could help me create customizable testing protocols for my practice needs, including a scotopic patient test set. The device is a great addition to my ERG testing capabilities, and the combination and comparability of the UTAS and RETevet systems give my practice capabilities that exceed those of many practices. It provides the optimal results for my patients and their owners with a convenience that is unparalleled. I am confident that our testing is the best in our area. LKC's great customer service and commitment to quality have kept me as a repeat customer for decades. In my mind, the RETevet is superior to other systems in the field, both with respect to accuracy and reproducibility, and with an ease of interpretation that is surpassed by none."*

**Dr. Robert J. Munger**

DVM, DACVO, Animal Ophthalmology Clinic, Ltd.

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LKC Technologies, Inc., established in 1975, is an ISO 13485:2003 & 2016 and MDSAP certified, FDA-registered medical device manufacturer with quality products installed worldwide in over 70 countries. RETevet is trademarked by LKC Technologies and the device is CE marked and FDA cleared.

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The content is solely the responsibility of LKC and does not necessarily reflect the views of the National Eye Institute of the National Institutes of Health.

The RETevet device may be covered by one or more of the following US patents and their foreign counterparts: 9,492,098. Additional patents pending.

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