FEATURES

**EASYTEAR® view+** is small, handy and practical because it is powered by two rechargeable 9V Battery. It works also directly from electricity (100-240V - 24V).

Using **EASYTEAR® view+** is very easy. It is provided a display with three buttons that allow the clinician to choose the type of illumination and adjust the light intensity. It is equipped with a timer with acoustic signal and calculation of the average time.

1. on/off, adjust brightness
2. select the type of LED lighting (white, blue, IR)
3. timer, average time, reset time

ACCESSORIES

- set 6 grids
- yellow filter
- 4x magnification lens
- user manual
- support base for charging
- rechargeable batteries 9V
- power supply (100-240V-24V)
- hook system for slit lamp
- IR camera (optional)

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5. Papagni A, Ferioli R, Benson L. Pre-lens tear film evaluation scale: a tool for analyzing the tear-film-lens interaction with respect to the material used; Optometry Reports. 2012;1: 31-36
6. Trade names of products or companies mentioned in addition to EASYTEAR belong to their owners and have been used for purposes of explanation without implying a violation of copyright law
The tear film is the first refractive surface of the eye; its integrity and stability are critical to maintain a high quality of vision and good ocular comfort.

Dry eye and tear film disorders are the most common multifactorial ocular diseases present in 14-33% of the adult population. Dry eye physiologically increases with age, particularly in women and in patients with diseases such as diabetes, rheumatoid arthritis and autoimmune diseases.

It is claimed that 20-50% of contact lens wearers complain ocular dryness. These patients experience occasional or chronic adverse symptoms such as: soreness, grittiness, scratchiness and burning eye. These symptoms can reduce contact lens' wearing time and cause drop out which is supposed to afflict the 12-51% of contact lens wearers.

**APPLICATIONS**

- Tear Film Assessment
- Tear film dynamic assessment
- Assessment of the lipid layer of the POTF (lipidic patterns)
- Observation of the tear reservoir (meniscus)
- Corneal surface irregularities by means of grids and Placido's disc
- Non invasive tear film break up time (NiBut) measurement.
  (NiBut is very predictive test as evaluates the tear film without alterations produced by fluorescein)
- Evaluation of the integrity and functionality of the Meibomian glands
- Evaluation of pre-lens tear film dehydration
  (the evaluation of the quality of the surface can enhance the fitting success)
- Evaluation of RGP and Scleral lens fluorescein patterns
- Diagnosis of dry eye syndromes and tear film deficiencies
- Evaluation of pupil diameter and functionality in different light conditions.

The **EASYTEAR™view+** was tested by two Italian University. University Of Milan Bicocca and University of Salento (Lecce).

The University of Milan Bicocca at the degree course in optics and optometry carried out the validation of the efficiency of the lighting system in white light. **EASYTEAR™view+** was found to be better than the Tearscope® system in white light. The validation also covered the blue LEDs, confirming the good characteristics of light diffusion and the wide field of observation. This configuration is very useful when observing large diameter lenses as sclera lenses. The research was conducted by Dr. Luca Benzonzi, Dott.sa Rossella Fonte and Dott.sa Silvia Tavazzi.

University of Salento at the research center in contact lenses of Lecce carried out the validation of the infrared LEDs lighting system integrated in **EASYTEAR™view+**. It was compared in term of ease of performing with other existing devices. The research was conducted by Prof. Giancarlo Montani project manager.

**IR CAMERA**

In order to view the meibomian glands and assess their integrity you must be equipped with a digital device sensitive to the infrared radiation emitted by **EASYTEAR™view+**.

By means of the IR camera, optional accessory of **EASYTEAR™view+**, you can see clearly the meibomian glands on its displays and decide whether to take a photo or a video.