





Contact lens electrode for humans or animals

The ERG-Jet is a contact lens for performing an electroretinogram, or ERG, provocated by light stimulation of the retina in either humans or animals.

The electrode is made of a gold ring just a few angstroms (10⁻¹⁰ meter) thick, which can be safely placed in contact with the cornea using a viscous conductive liquid.







A computer process generates graphics and numeric formatting of the collected data. The results are presented accurately, legibly and synthetically.

Thus, the doctor has a reliable and accurate tool to assess the chances of success of an operation or to detect genetic diseases that other methods do not reveal.

The ERG-Jet is also appreciated in the veterinary field thanks to its simplicity and its smaller size compared to some competing products.

LENS F-06, SPECIFICATIONS

Diameter: 12 mm (1/2") 1000 mm (39") Wire length: 7.90 mm Radius of curvature:

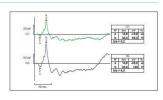
Neutral optical quality

DIN 1.50 mm Female connection: P. A. Grounauer M.D. Design:

ADVANTAGES AND RESULTS

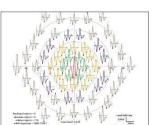
1. The accuracy of the values measured by ERG-Jet as well as their amplitude allows and facilitates normative assessments.

Isolated ERG Result



2. The optical quality of the contact lens also allows the recording of the multifocal ERG, which is a major advance in quantifying retinal functional deficits.

Multifocal ERG Result.













www.electrodestore.com