

# Celebrating thirty years of continuous innovation

**METROVISION,** 4 rue des Platanes 59840 PERENCHIES France Tel. 33 3 20 17 19 50 Fax 33 3 20 17 19 51 http://www.metrovision.com



#### **Vision Monitor – Innovation**

First product of Metrovision: the **Vision Monitor (Moniteur Ophtalmologique):** first instrument to provide full-field visual perimetry and ganzfeld visual electrophysiology **Patent US 4.626090** 



Introduction of **Mixed perimetry** combining the evaluation of the peripheral field with kinetic perimetry and of the central field with static perimetry



	New tests for pediatric ophthalmology
1990	MonBaby flash stimulator
	Baby vision test
	Steady state VEP







2000

1986

1988

**Multifocal electroretinography,** a new technology for mapping the electric activity of the retina



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2002 MonPack stimulator, first instrument combining multifocal, pattern and ganzfeld flash stimulations for ERG and VEP in one compact unit



Introduction of MonColorhigh luminance 5 colors ganzfeld stimulator2006for advanced electro-retinography



Introduction of **MonPackONE** with luminance controlled LCD – LED technology **Patent FR2973630** 







2014

2012

New video eye tracker. First technology to allow binocular recording of eye movements with extended range in eccentricity. Applications for the measurement of saccades, pursuits, nystagmus, eye gaze strategy and evaluation of vision in young children.







#### Introduction of MonCvONE:

2015 first perimeter to combine automated static perimetry with a truly interactive Goldmann emulation mode allowing the tests of those 20 to 30% patients who cannot perform or are no reliable with automated perimeters



### 2016

Introduction of **binocular video imaging** for MonCvONE. MonCvONE is the first perimeter on the

market to allow true binocular visual field tests: tests for drivers or visual aptitudes, tests of diplopia, visual field test in young infants...

#### Patent pending PCT/EP/2015/059428

## 2017

- **MonCvONE-CR**: version of MonCvONE for clinical research including:
- ultra wide field perimetry (UWFP)
- dark adapted chromatic perimetry
- dark adaptometry
- chromatic pupillometry
- electroretinography (ERG)
- 2018 Introduction of large field correction of refraction with magnetic attachment that eliminates the lens rim artifact in visual field and multifocal ERG exams
- 2019 Introduction of synchronized Video-Oculography monitoring during all exams requiring fixation (perimetry, dark adaptometry, Multifocal ERG). It provides a quantification of fixation stability (BCEA), pupil fluctuations, blinks...











- 2020 Introduction of the full field stimulus threshold test (FST)
- 2021 Introduction of OLED technology for performing tests on young children including pattern VEP, preferential looking, attraction perimetry
- 2022 Introduction of the photo aversion test (PAT)







