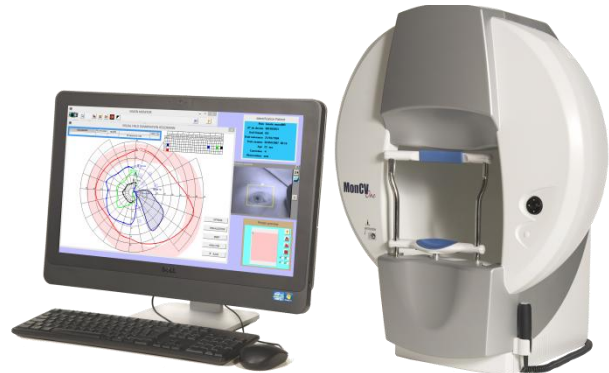# Vision Monitor
MonCV One

FULL FIELD STATIC AND KINETIC PERIMETER

MonCV One is a projection perimeter capable of static, kinetic and mixed perimetry.

MonCV One is controlled directly from a standard PC or tablet PC operating under the Windows environment.

Examination data can easily be exported to other applications, or accessed through a computer network.

Printouts can be made on standard PC compatible color printers (including laser printers) or as PDF files.
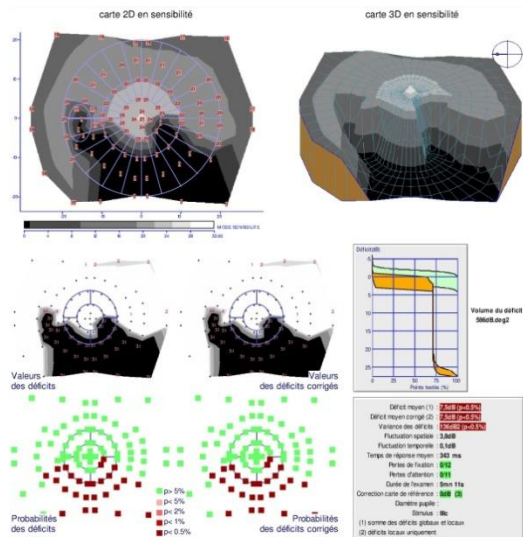
Static perimetry

MonCV One offers two different approaches to static perimetry.

First is the "classic" square grid of test points with full threshold algorithms.

The other is the fiber adapted static test grid (F.A.S.T.) with optimized algorithms that provides a maximum of clinical useful information in a minimum of testing time.

Other important features are:

- Advanced graphics facilitating the interpretation ;
- A statistical comparison with a normal data base ;
- A follow-up analysis ;
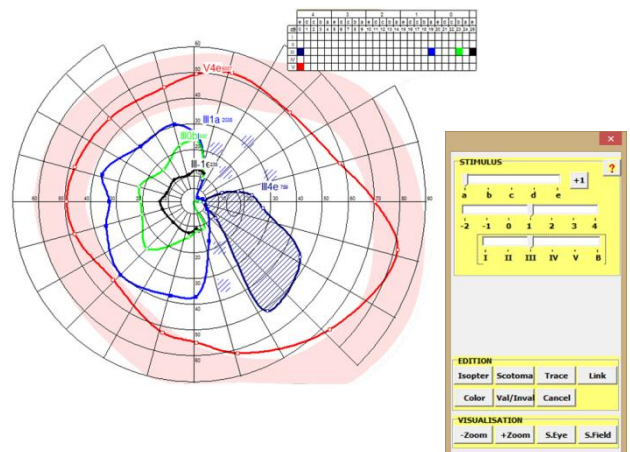- A comparison with the eye fundus image.

Kinetic perimetry

MonCV One proposes different solutions for kinetic perimetry:

- Mixed perimetry is the combination of a kinetic isopter for the assessment of the peripheral field and static perimetry for the evaluation of the central field.

- Fully automated kinetic perimetry.

- Manual perimetry that can be used in a way very similar to the Goldmann perimeter.

CE 0120

Manufactured by Metrovision under ISO13485:2003 certified quality system

Specifications

MonCV _One_ is entirely compliant with the Goldmann specifications:

- True spherical cupola with 30 cm radius ;
- Projection of tests up to 100 degrees eccentricity ;
- 10 cd/m2 background luminance ;
- Stimulus sizes: Goldmann I, II, III, IV and V.

Electrical

Class I type B protection equipment.
The power requirements are 230V, 1.8A 110V, 3.6 50 or 60Hz.

Weight   33 kg
(without PC, printer and electric table)

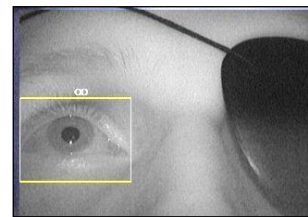## Interface   Connects to a standard PC or tablet PC via 2 USB2 cables.

Dimensions

Width =   62 cm
Height =   74 cm
Depth =   35 cm

Eye tracker

MonCV _One_ includes a high resolution near infra-red video sensor which is used to monitor the fixation and measure the pupil size of the patient.

Versions

	Standard	Professional	Expert
W/W static perimetry	Included	Included	Included
Visual field for driving aptitude	Included	Included	Included
Mixed perimetry	Included	Included	Included
Follow-up program	Included	Included	Included
Blue/Yellow perimetry	Option	Included	Included
Automated fixation and pupil size	Option	Included	Included
Goldmann perimetry	Option	Option	Included
Color perimetry	Option	Option	Included
Edition of test procedures	Option	Option	Included

Accessories

Optical set
Reference = HVM-OPTI

MonCV _One_ is supplied with a lens holder compatible with standard 36 mm metal rim lenses.

It can also be proposed with a set of large field lenses (55 mm in diameter) designed to avoid visual field masking.

Electric table
Reference = HVM-TABLE

MonCV _One_ can be mounted on a standard table.

475 mm
610 mm
700 - 900 mm

CE 0120

Manufactured by Metrovision under ISO13485:2003 certified quality system

METROVISION