



Vision Monitor MonCV^{One}

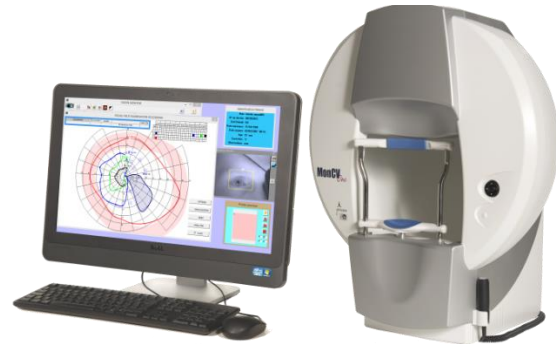
FULL FIELD STATIC AND KINETIC PERIMETER

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

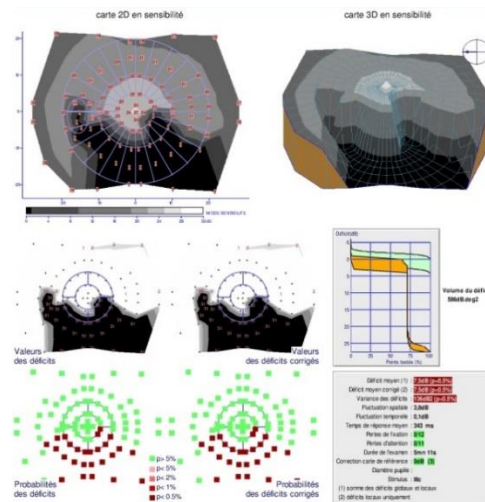
MonCV^{One} offers two different approaches to static perimetry.

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.

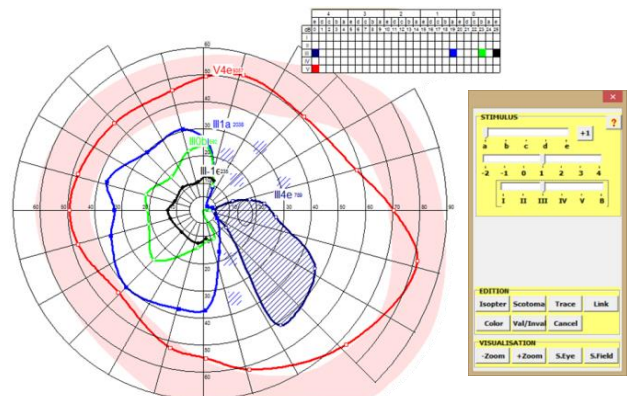


1/2

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.



Specifications

MonCV One is entirely compliant with the Goldmann specifications:

- Hemispherical cupola with 30 cm radius;
- Projection of tests up to 105 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 23 kg

(without PC, printer and electric table)

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

Dimensions

Width = 62 cm

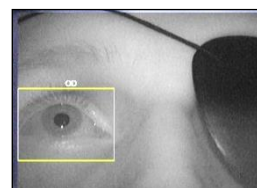
Height = 74 cm

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

	SAP	PRO	CR	CR++
W/W static perimetry	Included	Included	Included	Included
Visual field for driving aptitude	Included	Included	Included	Included
Mixed perimetry	Included	Included	Included	Included
Follow-up program	Included	Included	Included	Included
Blue/Yellow perimetry		Included	Included	Included
Automated fixation and pupil size		Included	Included	Included
Goldmann perimetry		Included	Included	Included
Dark adapted chromatic perimetry			Included	Included
Dark adaptometry			Included	Included
Pupillometry			Included	Included
Eye movement recording			Included	Included
Vision electrophysiology				Included

2/2

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.

