**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.
**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**

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**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.