



The kit can be ordered sending an email to Adaptica distributors or to
info@adaptica.com

Please see more information on
<http://www.2winforvision.com/>

Many thanks indeed for your attention and please do not hesitate to contact
us for any additional information you might need at this regard.

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Additional Package
Intermediate Distance application

Intermediate Distance application

Eyesight is a precious asset. It must be protected for all age groups, even if disorders or visual defects are not perceived.

Actually **many symptoms of eye diseases go unnoticed.** This is because our brain tends to get used to the visual defect, especially if progressive.

The daily tasks to which the eyes are forced, especially during daily work activities, can lead to fatigue disorders, refractive defects and presbyopia. If not identified and corrected properly, these problems can create difficulties and hassles increasing.

Thanks to 2WIN new application “*Intermediate Distance*”, **it is possible to identify the difficulties in visual accommodation at Intermediate Distance** and to estimate the the power of the additional lens to add to the basic prescription.



The Package

The 2WIN measures the patient's refraction while reading from VDUs, at a distance of 66 cm (2').

In all those cases when reading at such distance proves difficult, the 2WIN calculates the necessary additional power (ADD) to restore best vision.

The application requires the use of an additional lens that is inserted in the central aperture of the 2WIN; the additional lens together with a 66 cm reading chart completes the kit.

DETECTION OF REFRACTION AT INTERMEDIATE DISTANCE

DEFINITION OF THE POWER OF THE ADDITIONAL LENS TO ADD TO THE BASIC PRESCRIPTION

IDENTIFICATION OF DIFFICULTY IN VISUAL ACCOMODATION AT INTERMEDIATE DISTANCE

Tips

- Operator have to apply the *chart* and the *lens* on the front side of the 2WIN into the central aperture. Push the add-on (do not force the chart) until a slight resistance is felt. Pay attention not to cover 2WIN frontal leds, measurement may not be possible with a wrong chart positioning.
- The Intermediate Vision test must be realized asking the patient to wear usual glasses (if typically used) or contact lenses, not reading glasses.
- The examiners must provide a **variable intensity light source (not direct light)**, protected by scattered surface (*i.e. abat-jour*), and direct it onto the wall. Light source must be placed laterally behind the patient to obtain a uniform *chart* illumination, taking care that the light does not disturb him or the measurements. Please make sure that pupil diameter of the patient is adequate to measurement (ideal pupils dimension are in the range between 3.5 and 5 mm) acting on lighting system. Out of range condition may require longer time measurement or not possible examination.

How to read the Display



The exam

1. Apply the add-on lens and the *Reading chart* and on the front side of the 2WIN.
2. Turn the 2WIN on.
3. Set the 2WIN to operate at Intermediate Vision Distance.
4. Ask the patient to wear glasses or contact lenses, not reading glasses. If patient wears progressive glasses, ask the patient to look the chart through the top-side part of the lenses.
5. Ask the patient to focus central characters of the chart.
6. Check the pupil diameters and, in case, modify light source intensity.
7. Intermediate Vision Exam procedure is the same as refraction measurements. Keep pupils within the display during *focusing* and *measuring*.
8. At the end of the measurement the results are displayed.

