



## **SYNOPTOPHORE (Major Amblyoscope)** All-in-one instrument for binocular vision

02 | 03 PRECISE MEASUREMENTS IN A SINGLE EXAMINATION

## Synoptophore **Versatile, accurate & easy-to-use**

For generations, the Synoptophore has been THE standard instrument of choice for the busy Orthoptic clinic. It is ideal for the assessment and treatment of ocular motility disorders by reliably performing the most comprehensive binocular vision assessment available today.

Versatile, accurate and easy-to-use, the Synoptophore provides precise measurements in a single, effortless examination. Standard measurements and treatments include the assessment of; the objective and subjective angle of deviation, abnormal retinal correspondence (ARC), cyclophoria, hyperphoria and horizontal and vertical vergences.

The easy-to-operate variable manual controls enable the complete examination of binocular potential, within one instrument. It allows for the assessment of; simultaneous perception, positive and negative fusional amplitudes and gross stereopsis.

## 3 different models

### 2001 Model

The 2001 is the most comprehensive model in the range. All standard measurements and treatments are possible, and the model boasts an automatic flashing unit allowing each eye to be stimulated alternately or simultaneously. A removable pair of Haidinger's Brushes motor units are provided as standard, allowing users to employ pleoptic techniques to assess and treat eccentric fixation and abnormal retinal correspondance.

### 2002 Model

The 2002 model combines all the features of the 2001, with the exception of the Haidinger's Brushes. It is ideal for the assessment and treatment of patients needing orthoptic care or management.

### 2003 Model

The 2003 model provides all the standard measurements and treatments including the manual flashing switches and independent dimming rheostats.

## Meets IEC 60601-1 3rd edition & regulatory standards

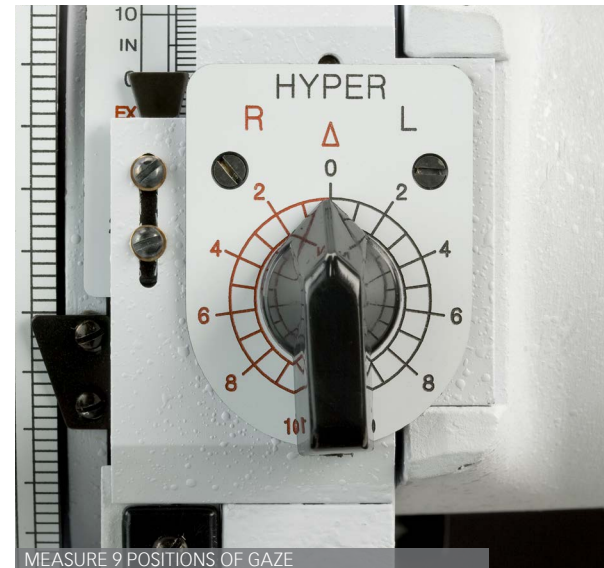
The range of CE-marked Synoptophore models have been updated to meet the stringent IEC 60601-1 3rd Edition and regulatory standards. The models have undergone rigorous safety, Electromagnetic Compatibility (EMC) and environmental testing and now boast low-smoke paint and moulded, flame-retardant plastic parts.

## Complimentary slides

An extensive range of complimentary hand-crafted slides are available, which are easily understood and recognised by patients. The slides fit all Synoptophore models and come in different colour-coded series, for use in different tests and treatments.

## Synoptophore technical specifications

	Range		Tolerance
Horizontal movement	+40° to -50°		+/- 1°
Vertical movement	+/-30°		+/- 1°
Torsion movement	+/-20°		+/- 1°
Inter-pupillary distance (IPD)	45-75 mm		
Chin rest height	71-133 mm		
Weight	2001	2002	2003
	19.3 kg	18.0 kg	15.0 kg
Dimensions (packaged)	48 x 44 x 56 cm		
Dimensions (unpacked)	32 x 29 x 32 cm		



MEASURE 9 POSITIONS OF GAZE



COMPLIMENTARY SLIDES



ACCURATELY ASSESS ARC

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