

SYNETIC



ORIGINE
FRANCE[®]
GARANTIE



The Synthetic is a 2 or 3 instrument translation refraction unit designed to provide easy and comfortable use in intensive consultation environments.

It can also accommodate a tiltable electric refractor arm.

Its modern and sleek design makes it a top-of-the-range workstation with a high-quality finish.

■ A unique design

The combination of curved wood and fine materials gives the Synthetic a uniquely elegant design. This wooden made unit guarantees exceptional rigidity and durability. It has been meticulously designed with a focus on ergonomics, aesthetics, and ease-of-use.



■ A unit with multiple capabilities

The patient chair, the vertical adjustment of the tabletop, the translational movement and the refractor arm are all motorised. The clearance of the instrument tabletop has been increased to 26 cm to facilitate access for all patients, while maintaining the comfort of the practitioner. The 25 cm chair travel and anterior-posterior movement make the workstation suitable for all patients regardless of their morphology.

The 2 and 3 instrument versions can also accommodate heavy OCT-type equipment. The silent powerful motorisation provides fast and smooth movement of the tabletop, requiring only minimal effort for the user.



■ Technology serving the user and the patient

The hybrid panel includes physical buttons and a touchscreen to facilitate access to commonly used functions. All examinations can be done while maintaining eye contact with the patient.

If for any reason a default occurs, motorisation can be turned off via the touchscreen to switch to manual operation. The touchscreen allows the user to configure all the unit's options: lighting and tabletop height according to the instrument used.



The Syntec's technology maintains a constant eye-level throughout the consultation. NIDEK has developed a new tiltable refraction arm that guarantees the accuracy of examinations in a natural reading position (optional) to perform near-vision refraction tests under physiological conditions.

■ An optimised desk unit for additional comfort

To streamline the working environment, the height of the desk can be adjusted independently of the instrument tray. The desk is equipped with a free-standing 3-drawer pedestal for easy storage of often-used accessories. The power supply and cable routings for the PC can be positioned to suit the working conditions of the practitioner.

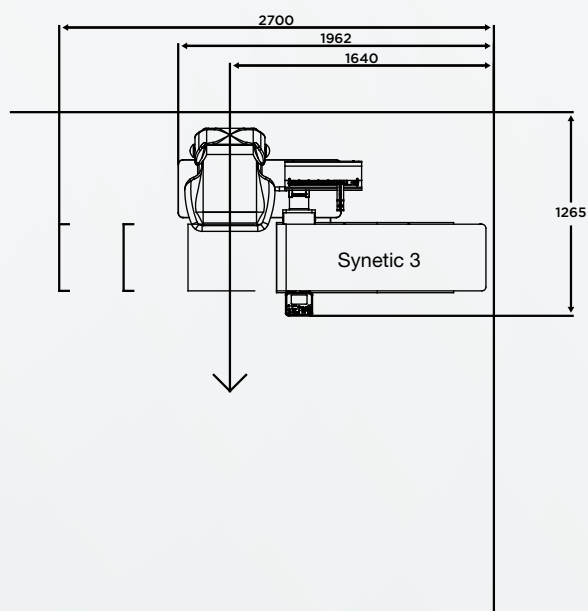
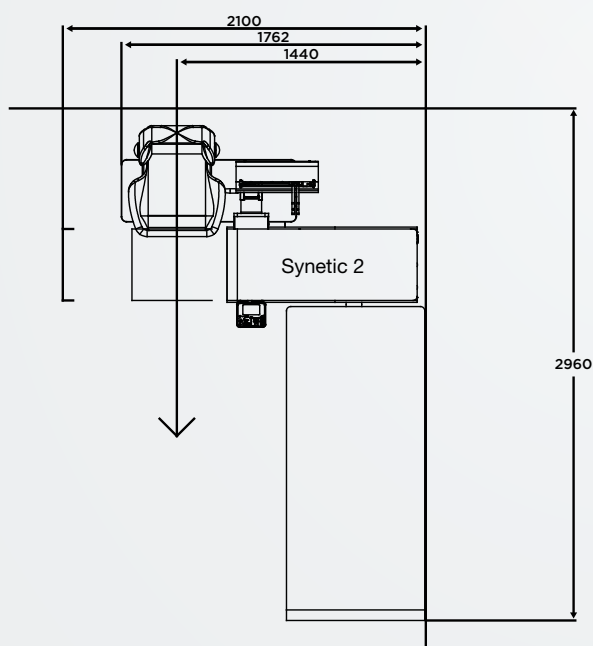


Technical characteristics* SYNETIC

	SYNETIC 2	SYNETIC 3
	Automatic translational consultation desk for 2 instruments + refractor arm	Automatic translational consultation desk for 3 instruments + refractor arm
Refractor	On electrically operated translational arm with motorised tilt (optional)	
Instrument plateau	Height is adjustable electrically from 71 cm to 97 cm	
	Unit adapted to all sizes of patient from 1.20 m to 2 m, with optional tilt	
	Memorised working height: the instrument tray is automatically positioned at your preferred height each time it is used	
	The height is automatically adjusted to the correct chin strap height to maintain a constant eye level	
	2-instrument tray + refractor arm	3-instrument tray + refractor arm
Translational movement	Electrical translation is clutch controlled to provide soft starts and stops	
Optional furniture units	3-drawer cabinet (optional)	
	The desk, with a 3-drawer unit, can be raised and lowered electrically from 62 cm to 127 cm. Standard size 80 cm×177 cm Units can be tailor-made to meet specific requirements	
Patient seat	Electrically adjustable height from 40 cm to 65 cm	
	Maximum load: 200 kg	
	Options: swivel, footrest, flip-up armrests, and anterior-posterior adjustment	
Weight	Approx. 250 kg (net weight) including instruments (excluding desk)	
Power supply	230 VAC / 50 Hz / 1000 W	

* Technical specifications are subject to change.

Product designed and manufactured in France by NIDEK SA



Indications: Class I / CE medical device. The Synetic is a consultation workstation for refractive examinations. This device avoids the need for the practitioner and the patient to move around in a constrained environment by adjusting the position of the ophthalmic instruments to the patient (manually or electrically).

Intended users: the Synetic consultation unit is a medical device for use by vision care professionals, including ophthalmologists, optometrists, orthoptists, opticians, and nurses. Safety precautions and operating procedures must be consulted before using this device.

Please read the user manual and instructions carefully. Equipment manufactured by NIDEK SA. Last update: July 2020.



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