

Parallel Unit IS-750



CONNECTING VISIONS

Parallel Unit IS-750



General features

- Parallel unit for 3 instruments, controlled by microprocessor using digital technology.
- Inclination of phoropter, table with electronic elevation group and control of elevation chair.
- LCD display with possibility of viewing messages in several languages, (English, French and Spanish).
- Autotest function at unit start and unit equipped with a continuous surveillance system.
- Instantaneous standing of 1, 2, 3 (first, second, and third instrument), connecting unit lamp with penumbra effect.
- Instantaneous standing of phoropter, connecting unit lamp with penumbra effect.
- Automatic return of table top when phoropter is required.
- Automatic return of phoropter when instrument 1, 2, 3 is required.
- Tray support for keyboard, with ergonomic movement to facilitate its access from any work position of Doctor.
- The unit lamp can be manually orientated and regulated from keyboard.
- Emergency stop giving full safety for patient and user.
- Electronic soft start system which increases bulb life. System applied on instrument 1, instrument 2, phoropter arm (lecture) and overhead light.
- Possibility of communicating with a computer using a modem with RS232 serial port connection.
- The electronic servo systems allows regulated light levels.
- Optional desk unit.



Table top movements

Motorized unit: displacement of 3-instrument table top in 3 different positions.

Displacement of phoropter arm.



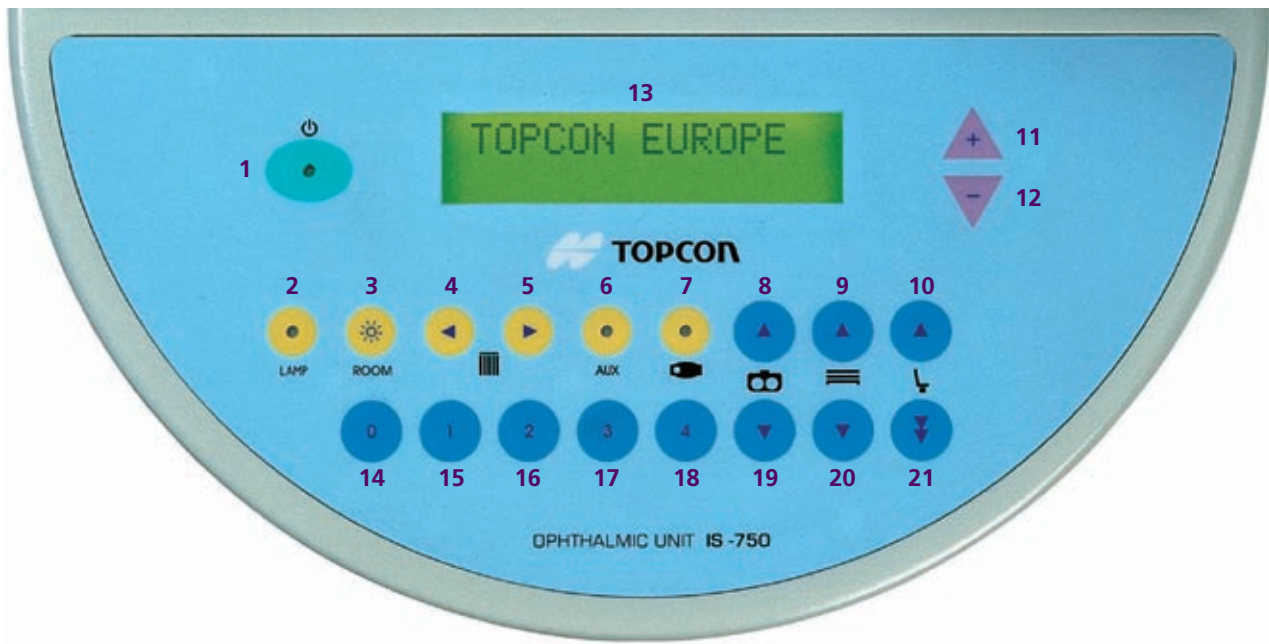
Table top position: 1st Instrument



Table top position: 2nd Instrument



Table top position: 3rd Instrument



Control panel

- | | | | |
|--|--|---|--|
| 1 On / Off | 8 Phoropter tilt up | 14 Table top & phoropter, position: rest | 18 Phoropter position |
| 2 Unit lamp | 9 Lifting table | 15 Table top position: 1st Instrument | 19 Phoropter tilt down |
| 3 Room light | 10 Lifting chair | 16 Table top position: 2nd Instrument | 20 Lowering table |
| 4 Curtains - left / programing method enter key | 11 Programing method: Increasing variable | 17 Table top position: 3rd Instrument | 21 Lowering chair & automatic return to zero position |
| 5 Curtains - right | 12 Programing method: Decreasing variable | | |
| 6 Auxiliary on / off | 13 LCD Display | | |
| 7 Projector on / off | | | |

Phoropter Arm Movements

Phoropter arm, motorized horizontal displacement until work position and also phoropter tilt up/down motorized. Regulation of phoropter arm tilt down and tilt up speed to compensate the instrument weight. Manual control to the work position, controlled by 2 end of course micro switches. Automatic connection of lecture lamp and penumbra effect of unit lamp.



Accessories



Auxiliary desktop



Safety table top displacement



Doctor stool

Specifications

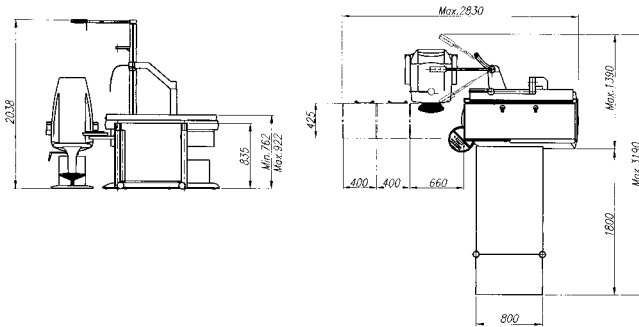
IS-750

Power for instruments	0 – 12 Vac / 30 W (tabletop) 50 W (lecture lamp) 2 x 5 Vdc / 0.1 A (fixed points) 12 Vdc / 0.8 A (video camera)
Table top	Suitable for 3 instruments
Maximum load on phorofter arm	10 Kg
Maximum load on table top	3 x 20 Kg
Net weight of IS-750 unit	300 Kg
Power consumption	220-240V AC / 50-60 Hz
Capacity / consumption (max)	1.200 W
Power on table top	2 x 230 Vac
Minimum installation dimensions	2.830 x 1.390 x 2.040 (L x W x H) mm
Minimum height elevated table top	762 mm
Maximum height elevated table top	922 mm
Auxiliary desktop dimensions	1.800 x 800 mm

OC-63

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Reclining back	No	30°
Color chair	Grey / Blue	Blue
Color column cover	White	White
Standard base plate (grey)	Available	Available
Wheelchair base plate (grey)	Available	Available
Foldable armrest	Yes	Yes
Horizontal displacement	No	Optional (100 mm)
Footrest	Optional	Yes
Maximum height (on platform)	615 mm	650 mm
Minimum height (on platform)	445 mm	480 mm
Maximum load	175 Kg	175 Kg
Capacity / consumption (max)	700 W	700 W
Power	230 V AC / 50-60 Hz	230 V AC / 50-60 Hz
Net weight	32 Kg	43 Kg



IMPORTANT

Subject to change in design and/or specifications without advanced notice.

In order to obtain the best results with this instrument, please be sure to review all user instructions prior to operation.

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