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High quality and functional design



HD-100

The HD-100 Instrument Stand combines comfort, functionality and design in a compact unit that is affordably priced.

Available in right or left-hand version, the HD-100 allows the placement of instruments on a sliding table that swivels out of the way for easy patient access.

The unit can be completed with a trial lens drawer. Its minimalist design and functional design make it a space-saver, room lights, instrument switching and other functions are all at your fingertips.

The HD-100 can be combined with a standard ophthalmic chair with fixed back or a fully reclinable version. Both chairs feature an extended elevation stroke with smooth and quiet movement.

The dedicated phoropter arm is available with a mechanical lock or with counter balanced mechanism, providing a variety of configurations for the modern optician.

Color Selectable Ambient Light

The HD-100 incorporates an ambient lighting system combining fluorescent lamps and LED lighting at the top of the column.

The soft LED source provides a pleasant ambient light and reduces the contrast of the surrounding lighting conditions.

The color and brightness can be selected with a dedicated remote controller.

Control panel

The HD-100 intuitive control panel is illuminated for enhanced visibility in dark environments and has several functions:

| Chair elevation control

| Switching on/off the unit including all installed instruments

| Switching on/off the room illumination light (standard lamp 20W, 220W)

| Switching on/off the ambient LED lighting system.



Room illumination light

The HD-100 includes a 230 LED illumination light at the top of the column. This light can be adjusted from the control panel and has a range of 0 - 200% and illuminates the room according to the type of illumination being performed.

Safety stopper

The HD-100 has a safety mechanism located under the table top that automatically stops the chair's elevation if it comes in contact with the patient's leg.



Energy saving module

When no activity of the unit is registered for a specific number of hours, the unit will shut down completely. This function saves energy, conserves electricity and prolonging instrument life.

Clean cable management

Clean and neat cable management keeps the HD-100 unit looking professional. All cables for the instruments are concealed by the table top cable management system.



Reading light

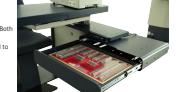
An optional LED reading light can be connected to the column of the HD-100.

The reading light has a flexible arm which easily aims the beam to the correct position.

The reading light remains white for added comfort during near vision exams.

Trial lens drawers

The HD-100 offers two sizes of trial lens drawers. Both offer a smooth closing system and can be conveniently mounted on the IS-100 stand to accommodate any size of trial lens sets.



HD-100 Configurations

The innovative HD-100 is available in right-hand or left-hand versions. The unit features a swivel table top that accommodates two instruments. The table top is fingerprint proof, easy to clean and scratch resistant. An optional trial lens drawer and a mounting bracket for the Vision Tester are also available for added convenience.

Unit	HD-100
Power	110 - 240 V~/ 50 - 60 Hz
Maximum consumption	850 VA
Electrical classification	Class I, Type B
Electrical protection class	IP21
Consumption of first tabletop instrument (SL)	110 - 220V / 160 VA
Consumption of second tabletop instrument (SL)	110 - 220V / 150 VA
Overhead lamp output	0 - 214V
Net weight HD-100	125 kg
Maximum load of instruments on the tabletop	20 kg + 20kg