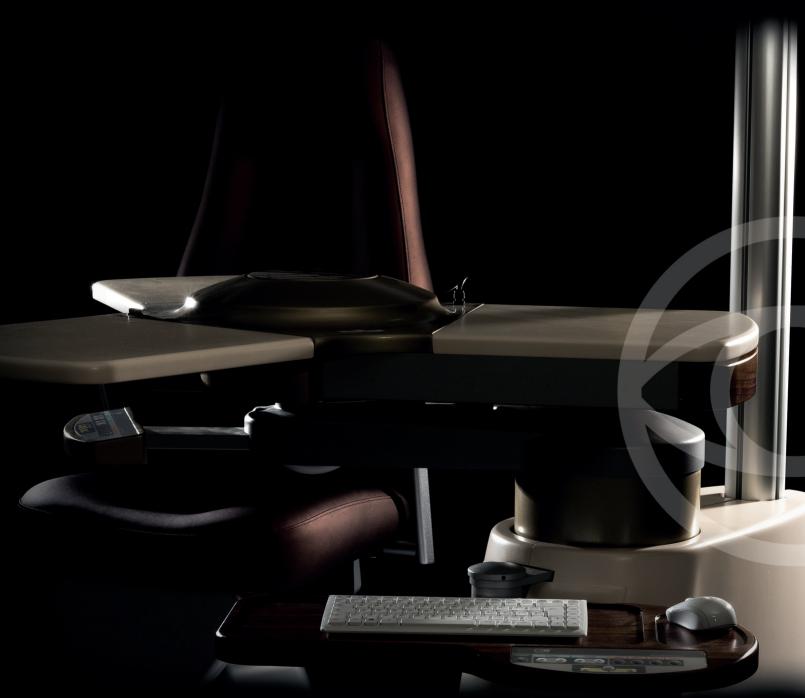
# Refraction unit







C.S.O was established in 1967 as ophthalmological devices producer and soon becomes a world leader company for the production of a wide range of ophthalmological products.

The refraction units by C.S.O. are born at the beginning of the 90s to gather several ophthalmic devices in one solution characterized by harmonious lines, compact, ergonomic and long-lasting structure,



The C.S.O. refraction units are characterized by their practicality compatible with a wide range of devices for the modern ophthalmological diagnostic and they provide a pleasant daily working experience.

Thanks to an attentive selection of the materials used for the construction and a wide range of available colors and customizations, it is possible to realize a harmonious and comfortable working environment for the user and the patient.



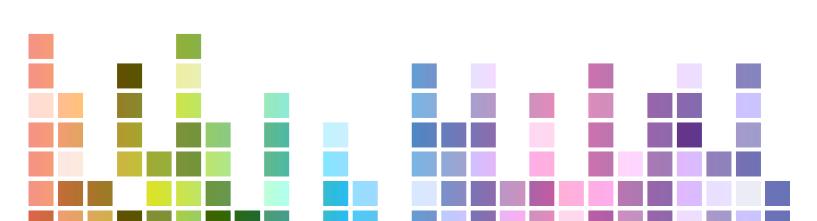
Thank you for choosing C.S.O. as your supplier.











### **REFRACTION UNIT**

**VINTAGE** it is a unit for 4 independent instruments which can be used also in resting position. It is customizable with any device and thanks to a control tab with microprocessor, allows the user to program the best working conditions for a fast and comfortable use.

The movements are manual and the unit is equipped with the powered elevation of the electrical plane.

The unit is equipped also with a lenses tray and 2 storage drawers As the whole range of CSO ophthalmic units, VINTAGE can be customized with a wide choice of colors.





Possibility to visit patients with motoric difficulties



Wooden finishing (optional)

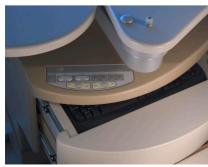


Drawer for compartment of the accessories





Lenses drawer



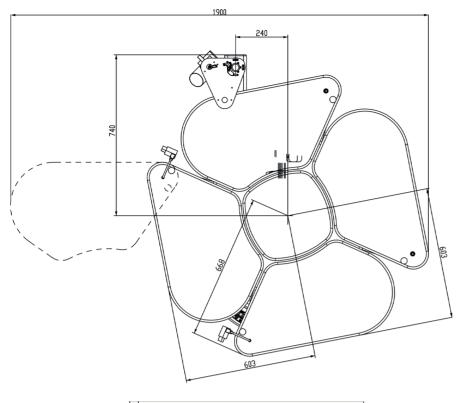
Commands console and drawers



Refraction units installed in the CSO mobile clinic

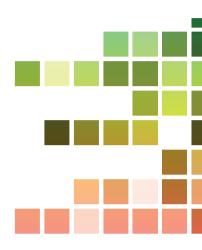


Compartment for 4 ophthalmic instruments



### STANDARD EQUIPMENT

- Working plane with
- electronic height adjustment (min 80 cm max 96 cm)
- Two planes with low tension supply
- Two planes 230V supply
- Central structure with command panel
- Column with spot light with variable intensity
- Eye charts projector support
- Integrated lenses drawer
- 2 storage drawers



# ACCESSORIES (OPTIONAL)

- Chair with electronic height adjustment
- Ceiling light with 3 LED lights with adjustable intensity
- Support for self-balancing arm for phoropter + support
- Arm with plane
- Wood's lamp with arm
- Arrangement video system
- LCD monitor support
- Arrangement for topographer
- Wheeled drawer and desk
- Drawer with commands in various configurations
- Hook for headband

ELECTRICAL DATA	From	То	
Supply voltage	90 V	264 V	
Power frequency	47Hz	63Hz	
Network fuses	4A T 5x20mm	8A T 5x20mm	
Auxiliary sockets (chair and auxiliaries)	110Vac 50Hz	230Vac 60Hz	
Max power absorbed by the auxiliary sockets	100 VA	100 VA	
Max power absorbed by the unit:	600 VA	600 VA	
Voltage for the table instruments	from OVac or 24Vac Fixation poir	from 0 Vac to 24Vac Ophthalmometer   Slit Lamp from 0Vac or 24Vac Fixation point of the Chin rest	

# Accessories







Movable spotlight cod. 100811550

Plane for column monitor cod. 100805-03







Ophthalmic headband support

cod. 100805-21





CD monitor support 00805-24

Phoropter support for square section column cod. 100805-10





Lamp with 3 LED lights cod. 100819510



Support for column retinoscope/ophthalmometer cod. 10080518



They make the difference and give personality to the studio furniture.

# **COLORS LACQUERED -** optional

optional optional		
cod. 107	cod. 132	cod. 135
cod. 156	cod. 162	cod. 223
cod. 218	cod. 208	cod. 187
cod. 757/296-D	cod. 182	cod. 131
cod. 118	cod. 120	cod. 130
cod. 228	cod. 236	cod. 849
cod. 945/C	cod. 244	cod. 259

# **LACQUED COLORS - standard**

cod. 757/296-E	cod. 889/F	cod. 857/C

<sup>\*</sup> The colors are just approximate.

Intensity color variations can be caused by the chemicals reactions of the used matters.

The specifications and the images are not contractually binding and can be modified without notice.



YOUR PROFESSIONAL PARTNER SINCE 1967



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