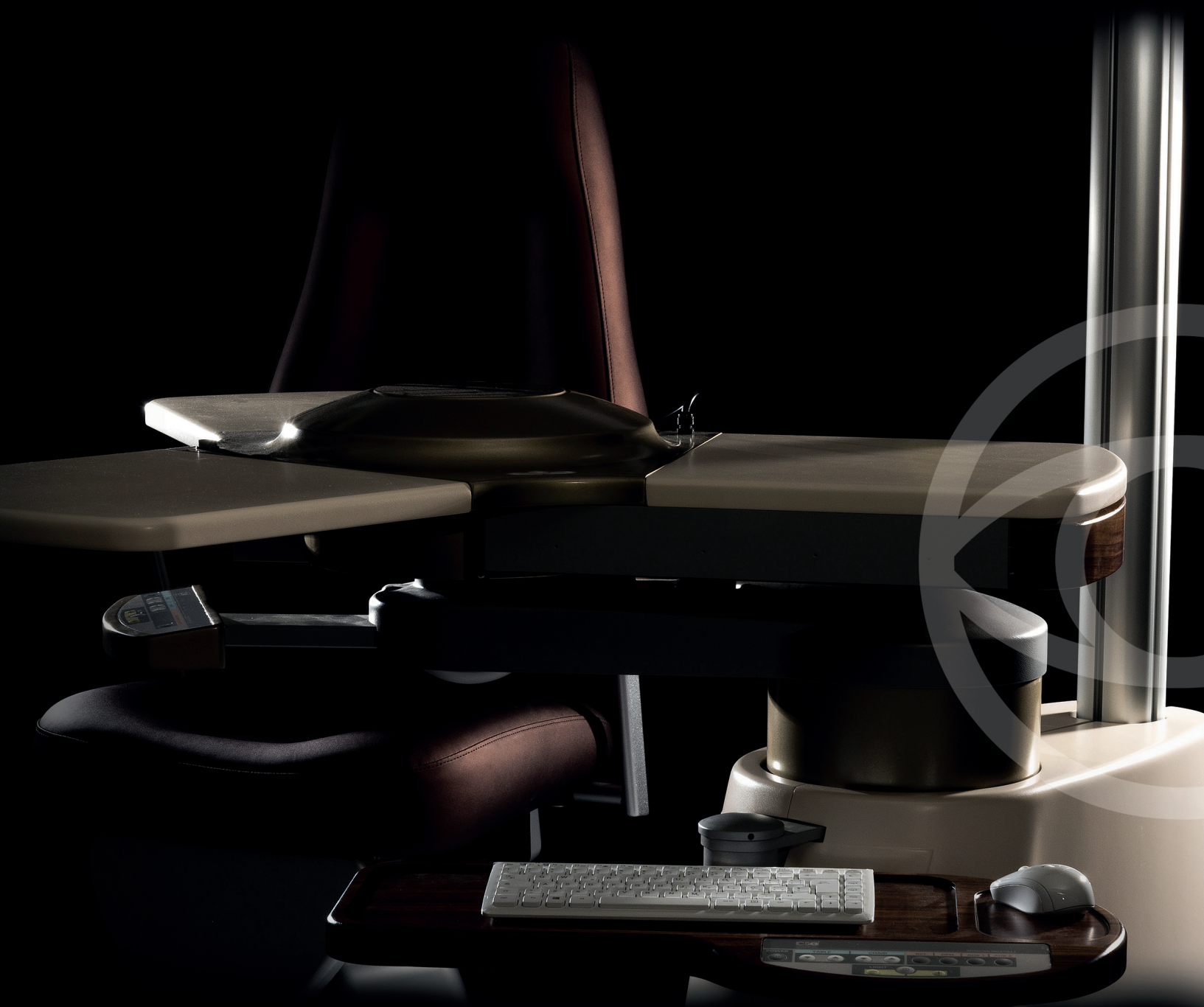


# Refraction unit

OPHTHALMIC UNITS



EN



IF & F  
SERVICE SOLUTIONS





*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

# Fusion

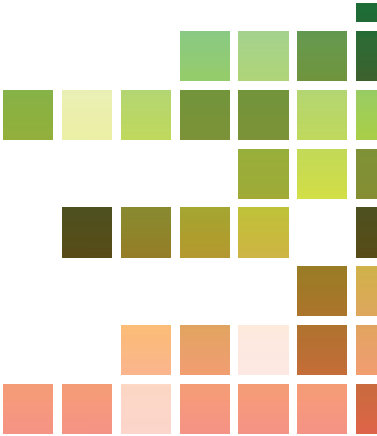




REFRACTION UNIT

**FUSION** it has all the features of a high-end ophthalmic unit in a very reduced space. It has a new generation shatterproof touch-pad console, backlit, easy to use and to clean. On the console there are all the main commands and it is also possible to memorize various functions for a fast and comfortable use. **FUSION** can be equipped with an electric lifting plan, the command for the management of the electric anteroposterior movement of the chair is available (optional).

The working plane for 2 instruments can be blocked and activated in any position. This feature makes the unit suitable for patients with motor difficulties. A wide range of accessories is available: chairs, ceiling lights, drawers and many other accessories to personalize the furnishing of the studio. As the whole range of CSO ophthalmic units, **FUSION** can be customized with a wide choice of colors.

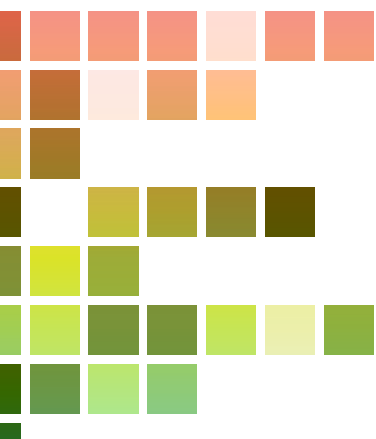


Spotlight support with CSO projector insert



Shatterproof touch-pad console, backlit



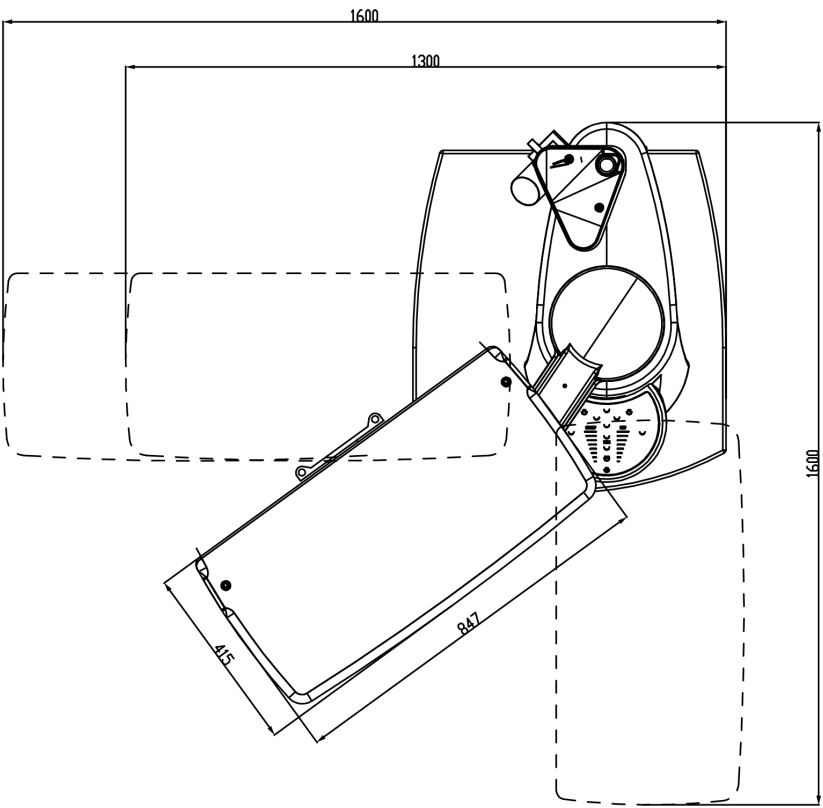


Special supports with objects storage compartment (optional)



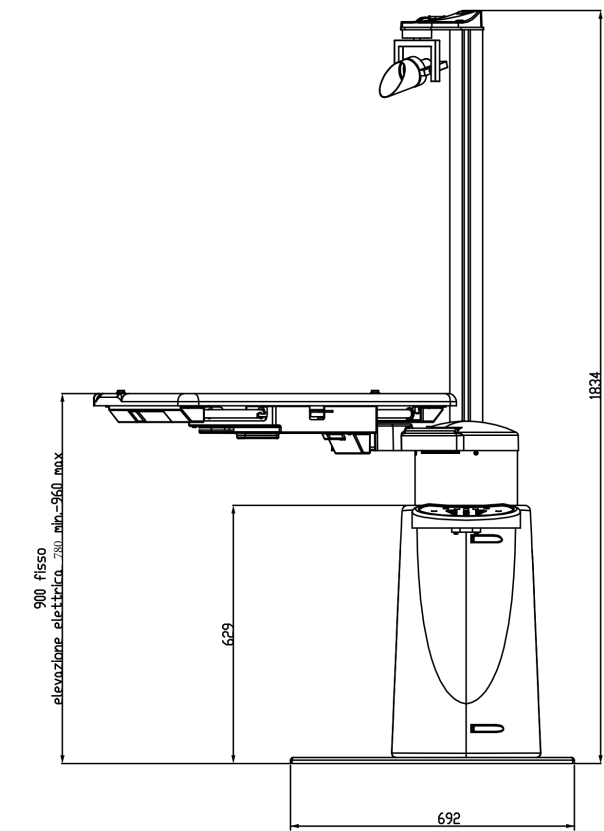
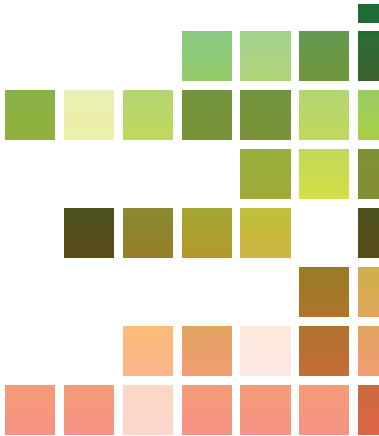
Ceiling light with three light sources suitable for every unit with:  
 - LED light with adjustable intensity  
 - with light spot  
 - upper ambient LED light (optional)





STANDARD EQUIPMENT

- Structure with command console
- Column with adjustable LED spotlight
- Eye charts projector support
- Plane with manual movement, 2 positions



ACCESSORIES (OPTIONAL)

- Chair with electronic height adjustment
- Self-balancing arm for phoropter
- Support for phoropter arm
- Electrical elevation of the plane
- Wood's lamp with arm
- LED spotlight with fixed intensity
- LCD monitor arm
- Arm with plane for column
- Arrangement video system
- Special supports for chin rest
- Desk
- Drawers
- Various supports for column
- Version with opening on the left
- Support for storage compartment
- Ceiling light with 3 LED lights

ELECTRICAL DATA	From	To
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 0 Vac/DC to 24Vac/DC Ophthalmometer   Slit Lamp from 0Vac/DC or 24Vac/DC Fixation point of the Chin rest	



# Accessories



**Phoropter arm**  
cod. 100805-02

**Plate for projector (not CSO)**  
cod. 100805-05



**Movable spotlight**  
cod. 100811550



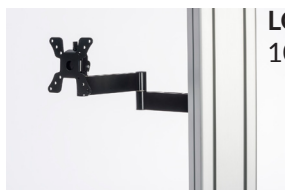
**Plane for column monitor**  
cod. 100805-03



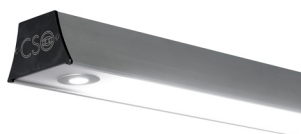
**Ophthalmic headband support**  
cod. 100805-21



**LCD monitor support**  
100805-24



**Phoropter support for square section column**  
cod. 100805-10



**Lamp with 3 LED lights**  
cod. 100819510



**Support for column  
retinoscope/ophthalmometer**  
cod. 10080518






# COLORS\*

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

## COLORS LACQUERED - 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

\* 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*

