

UV-Darkroom CN-15

Description

The CN-15 darkroom is a convenient darkroom for qualitative sample analysis.

The chamber provides a perfect working environment that locally blocks ambient light while protecting the user from UV light.

The integrated white light source facilitates sample positioning.

The chamber houses four intense 15-watt UV tubes of the same wavelength, which illuminate the chamber evenly. You can turn on either two or all four tubes.

To improve fluorescence observations, the tubes are filtered. This filter drastically reduces the disturbing visible light emitted by the tubes.

At the top of the housing is an ergonomically designed viewing screen with a UV-resistant panel. Samples are inserted from the front through a black plastic curtain.

The base plate is removable so the chamber can be placed on other objects if necessary.

The different models of the CN-15 darkroom series can be found on page 2.



Darkroom CN-15

Specifications

- Sturdy housing
- Intensive and homogeneous illumination with 15-watt UV tubes
- Flicker-free due to a 20 kHz electronic ballast
- High UV purity through post-filtering of the UV tubes to reduce visible light
- Viewing screen with UV protection panel
- Applications are UV-protected and shielded from ambient light
- Integrated white light source for convenient sample positioning
- Access to the chamber via a 40 cm wide, black rubber curtain
- Dimensions (L x W x H): 505 x 415 x 280 mm

Applications

- Thin layer chromatography 365 nm (TLC)
- Coating controls e.g. in electroplating, on labels, adhesive strips, hook-and-loop fasteners
- Detection of oil residues and fat residues
- Geological analyses
- Authentication or development of banknotes

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Models CN-15

Model	Tubes x Watt	Wavelengths	Dimensions (W x D x H)	Order No.
CN-15.LL	4 x 15 W	365 nm	505 x 415 x 280 mm	110.0165
CN-15.CC	4 x 15 W	254 nm	505 x 415 x 280 mm	110.0166
CN-15.MM	4 x 15 W	312 nm	505 x 415 x 280 mm	110.0167
CN-15.LC	2 x 15 W (365 nm) 2 x 15 W (254 nm)	365 / 254 nm	505 x 415 x 280 mm	110.0168
CN-15.LM	2 x 15 W (365 nm) 2 x 15 W (312 nm)	365 / 312 nm	505 x 415 x 280 mm	110.0169
CN-15.MC	2 x 15 W (312 nm) 2 x 15 W (254 nm)	312 / 254 nm	505 x 415 x 280 mm	110.0170