

XO® 4
Composite curing light, Lysta LCD 8938



YB-404
Version 1.00

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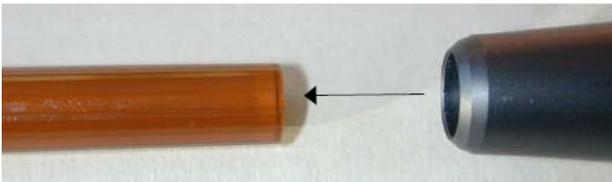
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General

The LCD 8939 curing light is designed for the curing of dental composite material in the oral cavity.

Lysta LCD 8938 is connected directly to the XO 4 unit.

Connection



Fitting of the light rod:

The light rod is rotated into place. It must pass the two O-rings and come to a firm stop. When it reaches the stopping point, it can no longer rotate. If the light rod is tightly fitted into the O-ring, it can be moistened with water on the sides.



Fit the handpiece:

The cable is screwed onto the lower part of the handpiece.

NB: There is a notch in the internal outlet part of the handpiece, which must fit together with the corresponding tap on the cable plug.



Crack

Please note:

If there is a crack between the plastic cover and the metal part of the handpiece, the plastic must be pushed straight on until the plastic meets the metal.

Treatment



The light rod must not come into contact with the tooth, but be kept at a distance of approx. 3-5 mm.

Please note:

If the light comes too close to the tooth, the exposure time must not exceed 20 seconds on maximum energy. The light is so powerful that the energy from the blue light will heat up the tooth.

Please see XO 4 Quick Guide as well as XO 4 Configuration Guide for further setting and configuration options.

Hygiene and cleaning

The handpiece is made of anodized aluminium and composite polymeric fabric. We recommend disinfection with ethanol-based liquids such as Dürr Dental FD 322/333. The handpiece must be dried and must never be soaked into the disinfectant. It cannot be autoclaved or cleaned in the dishwasher.

The light rod is removable and can be autoclaved. It is made of optical glass and must be handled with care.

The **attachment hose** is made with an outer cover in silicone and can be cleaned in the same way as the handpiece. We recommend powdering the hose with talcum powder in order to get a flexible surface.

Technical specifications

Handpiece material	Anodized aluminium and polymer
Weight	100g
Total length	195 mm with light rod, without cable
Diameter	16 mm
Size of light rod	Ø 8 mm, active diameter Ø 7mm
Wave length	Between 450 and 490 nm
Total effect	>500 mW corresponding to approx. 800 mW/cm ² , measured on a Model 100 Optilux Radiometer

Please see Lysta's website for accessories, etc.: www.lysta.dk