

bluephase® Family

Maintenance and Cleaning



General Information

- Contaminated surfaces of the device as well as light probes and anti-glare cones must be disinfected or autoclaved before each use.
- Make sure that no liquids or other foreign substances enter the hand-piece, charging base and particularly the power pack during cleaning (risk of electrical shock). Disconnect the charging base from the power source when cleaning it.
- For reasons of hygiene, it is recommended to use a protective sleeve for each patient.



Handpiece and handpiece holder

Wipe the handpiece and handpiece holder with a customary aldehyde-free disinfecting solution. Do not clean with highly aggressive disinfecting solutions (e.g. solutions based on orange oil or with an ethanol content of more than 40%), solvents (e.g. acetone) or pointed instruments which may damage or scratch the plastic. Clean dirty plastic parts with a soap solution.

Suitable disinfection wipes include: Mikrozid from S&M, hs disinfection wipes from Henry Schein, Omniwipes from Omnidant and Plasti-Sept Wipes from Alpro. Suitable disinfection sprays include: Bacillol AF from Bode Chemie Hamburg, PlastiSept from Alpro and FD 322, FD 333, FD 366 from Dürr.

Light probe

Clean light probe with a disinfectant and a soft cloth. Carefully remove any possible material residue, such as composite material, from the light probe with e.g. a fingernail or a plastic spatula. Do not use sharp or pointed instruments, since they may scratch the surface of the light probe and thus reduce light transmission. Light probes and anti-glare cones may be autoclaved (e.g. 134 °C, 3 bar, 5 minutes). Check light probe for damage.

If the light probe is held against a light source and certain segments appear black, then the glass fibres are broken. In this case, the light probe has to be replaced with a new one.

Battery contacts

For good conductivity at all times, keep the battery contacts free from possible contamination (e.g. composite residue). For this purpose, clean the affected contacts regularly in the course of the usual wipe disinfection (after each patient).