

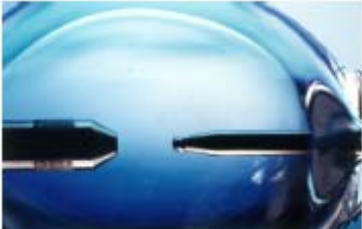



Troubleshooting

XBO® ≤ 450W lamps

There are a number of reasons why a lamp may not give satisfactory performance. The following may help you to locate and correct the more common problems that can cause failure, and ensure longer life for the replacement lamp.

	Symptom	Fault	Remedy
	1. Connector base deteriorated.	Connector base overheated above 230°C due to: - Faulty electrical connection - Improper lamp cooling - Improper operating current	Check electrical connections and cooling conditions: - Tighten or replace - Check operating current - Check cooling system (forced or convection)
	2. Base cement blackened and connector discolored	Connector base overheated; improper lamp cooling	Check electrical connections and cooling conditions
	3. Severe electrical damage of cathode, electrode tip melted in spherical pattern	Reversed polarity due to: - Electrical connection incorrectly applied to lamp - Incorrect wiring	- Check polarity, correct connection if necessary - The anode electrode (+ connection) of XBO-lamps must always be on top
	4. Lamp envelope surface contamination	Deterioration of the lamp surface due to fingerprints, dust, oily remains, etc.	Before use of lamps, clean quartz bulb with lint-free cleaning towel.

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