



TUV Amalgam XPT- Maximum efficiency, independent of temperature

TUV Amalgam XPT systems

Philips TUV Amalgam XPT system consists of an electronic driver that operates one TUV Amalgam XPT lamp, mounted in a sleeve. The electrical specifications are tailored to the lamp, ensuring an optimized performance of the Philips TUV Amalgam XPT system. Thanks to extensive testing before a lamp system is released, we can ensure maximum reliability and long lifetime.

Advantages

- Security of effective disinfection over the useful lifetime of the lamp
- Extreme reliability of driver; with annual failure rate of less than 1%
- Approximately 10% energy savings, because lamps can be dimmed to reach the same UV output compared to similar lamps on the market
- High system efficacy because it is not required to over-design the purification system to maintain effectiveness of disinfection
- Best environmental choice because of long reliable life, less waste and industry leading low amount of mercury
- High efficiency during dimming thanks to unique amalgam temperature control of the 800W lamps

TUV Amalgam XPT systems

Fonctions

- Short-wave UV radiation with a peak at 253.7 nm (UVC) for disinfection
- Special amalgam used for highest efficiency over wide temperature range
- Protective inside coating ensures constant UV output over the complete lifetime of the lamp
- Philips electronic driver available for a perfect interface
- Minimized amount of mercury
- Universal burning position possible for the T6 range, depending on lamp type and sleeve dimensions
- Tailor-made solutions possible
- Lamp can be made from special quartz (open/synthetic) to maximize 185 nm Ozone generation

Application

- Deactivation of bacteria, viruses and other micro-organisms
- Municipal drinking water treatment equipment
- Process water treatment equipment
- Swimming pool units
- Equipment for the production of ultra-pure water, for example for the semiconductor, pharmaceuticals and cosmetics industry (ozone version)

Mises en garde et sécurité

- Un bris de lampe est très peu susceptible d'influer sur votre santé. Si une lampe se brise, aérez la pièce pendant 30 minutes et retirez les morceaux, de préférence avec des gants. Placez-les dans un sac en plastique scellé et portez-le à votre site de gestion des déchets en vue de son recyclage. Évitez d'utiliser un aspirateur.

Gestion et gradation	
Intensité réglable	Oui

Caractéristiques électriques	
Courant lampe (nom.)	2.1 A

Caractéristiques générales	
Culot	G10.2Q
Application principale	Désinfection

Photométries et colorimétries	
Dépréciation du flux à la durée de vie utile	15 %

Caractéristiques électriques

Order Code	Full Product Name	Puissance (Nom)
20943605	TUV 130W XPT SE UNP/20	130 W

Order Code	Full Product Name	Puissance (Nom)
80123100	TUV 200W XPT SE UNP/20	200 W

Caractéristiques générales

Order Code	Full Product Name	Position de fonctionnement
20943605	TUV 130W XPT SE UNP/20	P10

Order Code	Full Product Name	Position de fonctionnement
80123100	TUV 200W XPT SE UNP/20	UNIVERSAL

