



UV Curing Systems



Quality Standard for Exporting to Europe, U.S.A.

Electrodeless lamps

CROSS REFERENCE ELECTRODELESS LAMPS

Type Of Bulb	Manufacturer	Original System Model Numbers				
		6 inches	6 inches	10 inches	10 inches	10 inches
		F300	HP6/F500	F450/F455	F450/F600	F600
H	Original	205602	525632	274432		213462
	H106	H106	H106.1	H1010		H10106
	Original - NEW	558432	558412	558492		558472
	- NEW	H106N	H106.1N	H1010N		H10106N
H+	Original	205601		274431		213461
	+H106	+H106		+H1010		+H10106
	Original - NEW	558431		558491		558471
	- NEW	+H106N		+H1010N		+H10106N
H(O ₃ /F) (Ozone-Free)	Original	040129				
	H106.1	H106.1				
	Original - NEW	558439				
	- NEW	H106.1N				
D	Original	040124	525624	274434	511004	213464
	D106	D106	D106.1	D1010		D10106
	Original - NEW	558434	558394	558494	558454	558474
	- NEW	D106N	D106.1N	D1010N		D10106N
V	Original	040126	525637	274437		213467
	V106	V106	V106.1	V1010		V10106
	Original - NEW	558437	558417	558497		558477
	- NEW	V106N	V106.1N	V1010N		V10106N
Q	Original	205608		274438		213468
	Q106	Q106		Q110		Q110L
	Original - NEW	558438		558498		558478
	- NEW	Q106N		Q110N		Q110LN

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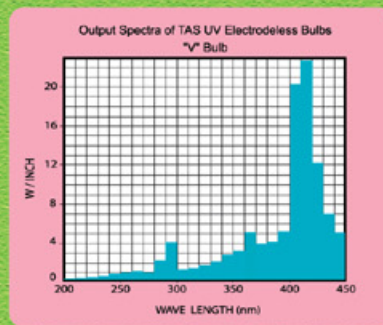
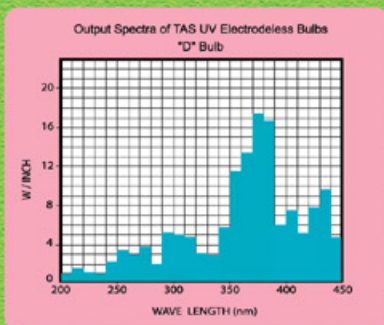
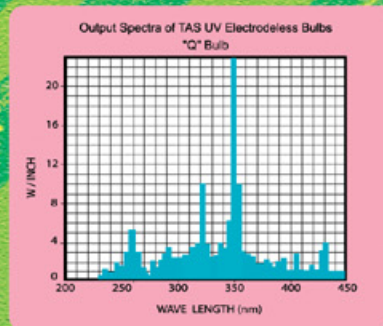
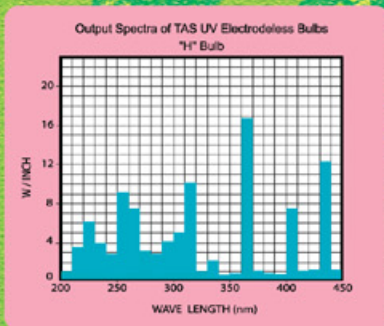
TAS UV Lamps electrodeless microwave powered are manufactured with highest quality of material and ultra-purity argon gas 99.9999% with some special gas for longer life, drop with mercury just call "H" Bulb , drop with iron iodine just call "D" Bulb, drop with gallium iodine just call "V" drop with indium just call "Q"

Operation

The microwave energy from a pair of magnetrons is beamed into the cavity formed by the aluminum lamp reflector and a screen over the bottom of the reflector. The lamp bulb is located inside this chamber. The screen keeps microwaves inside the chamber but allows UV light to pass out onto the material to be cured. When the magnetrons energize create the microwave energy to the electrodeless lamp, which ionizes the gas inside of electrodeless lamp. The lamp then reaches full power within a few seconds, producing the spectral output required for curing. The lamp can on and off without shutter and short period time to warm up. TAS electrodeless lamps are available in 6 inch and 10 inch size and vary in power from 300W/inch to 600W/inch. The standard microwave bulb has mercury drop. However , as with TAS electrodeless lamp , We can modify the spectral by addition of special chemical salt

Warranted lamp bulb

Standard mercury bulbs are guaranteed for 3,000 hours of operation on a non-prorated basis. If a bulb fails prior to 3,000 hours, a new one is pro-vided free of charge. The new lamp mercury modify to used prior to 6,000 hours are available, Please contact us for special order. The special bulb fill (iron drop, gallium drop) are guaranteed for lesser operating lifetimes , depending on the nature of the fill of chemical salt. Please contact us for Warranted lamp bulb hours.



TAS UV CURING CO., LTD.

O.E.M. & Distributor Welcome



33/17 Moo 5, Kukoot, Lumlookkar, Pathumtani, THAILAND 12130 Tel: (66) 2987-7660 (Auto) Fax: (66) 2987-7664
 Website: www.tasuv-curing.com E-mail: sale@tasuv-curing.com , tasuv-curing@yahoo.com , tastaia@yahoo.com