



HG⁺ Philips



Mercury Capsule Electrode

Neon Products and Eurocom proudly present the

HG⁺ Philips[®] Capsule Electrode

a joint development of the NE⁺ Neon Products Group and Philips Lighting of Eindhoven, the Netherlands. Applying decades of research in the lamp industry, this new electrode is equipped with a Philips capsule containing no more than 19 Mg of liquid Mercury per capsule.

Break -Through Technology

The HG⁺ Philips[®] Capsule Electrode is a revolution in Electrode Technology:

- Elimination of liquid mercury from the Neon Shop. No more mercury spills (and poisoned vapor), which means a cleaner and healthier working environment.
- No more “shaking” of the finished tube to distribute the liquid mercury and possible “over-head breakage”.
- No more pumps contaminated with mercury. Thus reducing pump maintenance and mercury vapor emission from exhaust.
- 80% reduction of the amount of mercury needed to run the tube. International standards for the lamp industry are being met. Therefore less burden to the environment.
- Productivity boost: Save up to 6 minutes per tube by eliminating the making and filling of mercury traps, double tip-offs and shaking of liquid mercury through the tubes.
- Quality improvement: The mercury contained in the Philips[®] capsule is guaranteed to be 99.999% clean. Since it is being released only after the tube is finished, no contamination can affect it. This puts an end to the well known problems of darkening, staining, mercury spots and early failures.

Part #	Length (mm)	Diameter (mm)	Rated Current (mA)
ELH 25 R(P) 60	60	10	25
ELH 30 R(P) 60	60	12/13	30
ELH 50 R(P) 65	65	12/13	50
ELH 45 R(P) 65	65	15	45
ELH 80 R(P) 75	75	15	80
ELH 120 R(P) 75	75	18	120
ELH 150 R(P) 80	80	18	150
ELH 250 R(P) 95'	95	18	250

*Bombardeer w/1000mA heating current required for processing

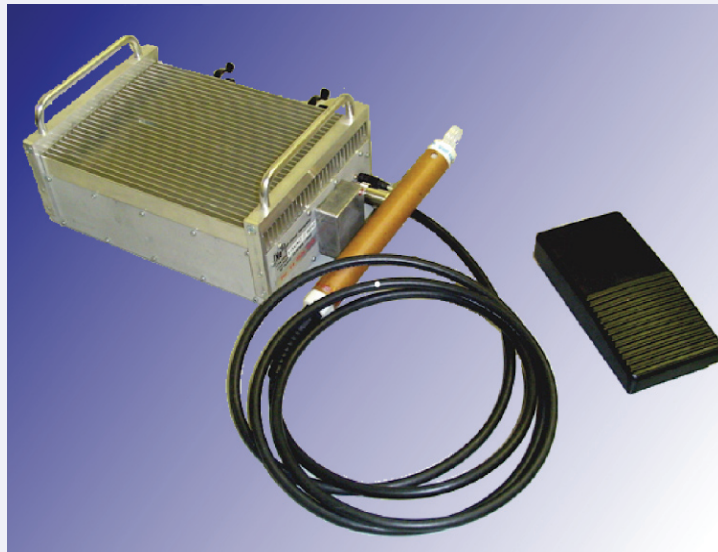
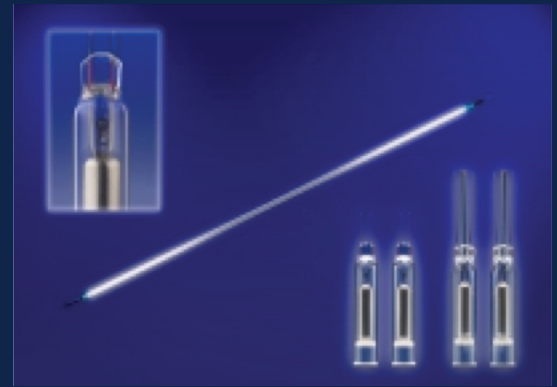
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Light years ahead!

As easy as pumping "Red"

Processing a tube with HG⁺ Philips® Capsule Electrode is as easy as pumping a red (Neon) unit: The liquid mercury is sealed within the Philips® capsule and will not leak or break during the pumping process following the Eurocom Pumping Procedures. Only after the tube is completely finished and ready for burn-in will the Philips® capsule be opened by the RF generator.

Once both electrodes are opened, the tube can be burned in just like any other tube and will come up to full brightness in no more than 25 minutes.



Eurocom HG⁺ Mercury Capsule Electrode

- **Save Time!**
- **Save Money!**
- **Protect the environment!**
- **Do your health a favor!**

For more information,
please call

(972) 791 4401

or visit our website at
www.eurocom-inc.com

Technical Data

Amount of Mercury per Capsule	19 +/- mg
Purity of Mercury	99.999%
Max C° to securely seal a Philips Capsule	400 C°
Min C° to securely open a Philips Capsule	750 C°
Max time to open capsule with the RF Generator prior to burn-in of tubes	3 seconds

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