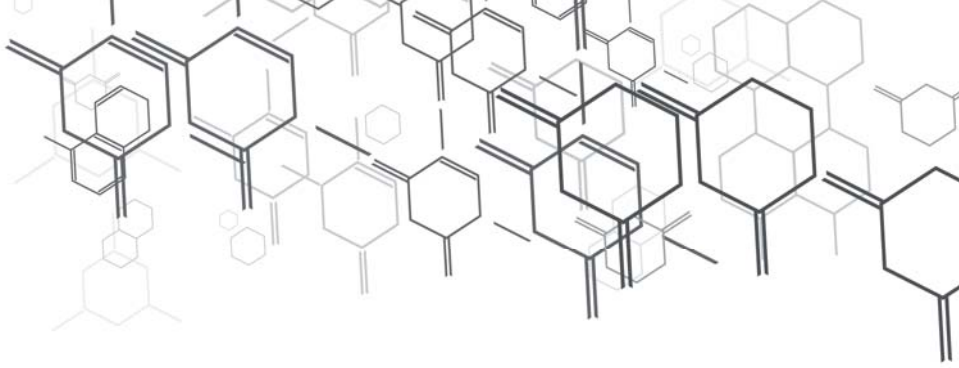
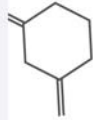


Solutions for Photomultipliers



Availability in hundred thousand pieces per year at reasonably low prices and highly reliable evaporation characteristics to allow the automation of the photocathode formation: these are the market needs for the alkali metal sources used to build the alkali photocathodes, typically bi-alkali type, of photomultipliers.



The unique manufacturing process of SAES Getters Alkali Metal Dispensers (AMD), involving the use of semi-automated machines, guarantees production outputs largely in excess with respect to the photomultiplier market demands, at prices in line with the market needs and, at the same time, a very high reproducibility of the evaporation characteristics, thus making this product ideal for massive use in these tubes.

Photomultipliers often require a getter to maintain an adequate vacuum level for all their operational life. Due to the design of these tubes, getters must be non-evaporable, small and thin, capable to withstand the dirty atmosphere of the sealing process and, preferably, activable by passage of electrical current: SAES' HPTF (High Porosity Thick Films) getters hit all these targets and are to be regarded as the most suitable getter family for these tubes.



making innovation happen, together

saes
group

electronic_devices@saes-group.com

www.saesgetters.com

This paper contains no confidential information