Ultraviolet Curing Lamp

As international leaders in the UVC germicidal lamp industry, LightSources and strategic partner, LightTech, offer OEMs across the globe high-quality standard and custom products, reduced lead times, and unmatched innovation. We provide a range of ultraviolet lamps that are used for air, surface and water disinfection as well as solutions for curing such as our high-tech ultraviolet curing lamp. The low maintenance, highly efficient UV lamps are quickly becoming a popular choice in many industries as opposed to traditional heat curing methods. An ultraviolet curing lamp does not produce the noxious fumes of heat curing, and thereby, do not require expensive exhaust systems.

Ultraviolet Curing Lamp – Safe, Low Cost Solutions

An ultraviolet curing lamp is used in applications for curing UV-light activated inks, bonds, adhesives, and finishes (lacquers, glazes and varnishes). We manufacture both low pressure curing and medium pressure curing lamps. However in recent years there has been a trend away from low pressure lamps to amalgam lamps that offer efficient drying of inks and adhesives with a cationic base.

Light Sources and LightTech takes tremendous pride in pioneering pellet technology for amalgam lamps. This cutting edge technology was developed and patented by both Light Sources in the United States and by LightTech in Europe. The greatest benefit of our proprietary pellet amalgam technology over spot amalgam technology is that pellet lamps can be operated to produce higher UVC intensity and to provide higher UVC output at 80% and 60% dimming operation modes. This gives our lamp increased output while reducing operating costs.

Another advantage to our low pressure pellet amalgam lamps is they are the only ultraviolet curing lamp of its kind to allow for vertical orientation. Also they can operate in more extreme ambient environments. We encourage you to contact us for more information.

LightSources and our affiliated companies represent the leading high-tech designers and manufacturers in the lamp industry today. Our products are used world-wide in a multitude of applications and industries such as our UV germicidal lamps that offer patent-protected, OEM-oriented solutions. Contact us to find out more about the special technology that goes into our ultraviolet curing lamp.