

Uniquely ULS

Universal Laser Systems GmbH

Over-Temperature Sensor with Alarm

Universal Laser Systems, Inc. (ULS) has introduced an over-temperature sensor with audible alarm on its new VLS and PLS line of CO₂ laser cutting, marking and engraving systems.

A laser system should never be operated without constant supervision. Exposure to the laser beam may cause ignition of combustible materials which can cause severe damage. The over-temperature sensor is designed to provide early detection and warning of material flaming and flare-ups.

The temperature sensor is located on the back wall of machine and includes a battery powered backup power supply in case the AC power is interrupted. In the event of an over-temperature occurrence, an alarm buzzer will sound and the laser will automatically shut off. The over-temperature alarm is part of an overall safety strategy that includes following ULS guidelines for proper operation of a CRDH Class 1 CO₂ laser system.

The new over-temperature sensor with audible alarm is just one of several Uniquely Universal benefits that showcase the higher quality standards of ULS laser systems.