

HORUS

LASER

AN EYE SET ON YOUR REQUEST



High voltage ns pulse generator

HLH series

The HLH products are based on a high voltage ns pulse generator coupled with a solid-state, diode-pumped and passively Q-switched laser.

With our proprietary and double patented design, our systems generate high voltage pulses with tunable profiles, duration as short as 0.6 ns, voltage up to ± 3 kV and repetition rates up to 10 kHz.

The extremely reliable and robust generator and microchip designs are perfect for advanced OEM industrial and scientific applications.

The compact design is best suited for almost any system integration.



Applications	Features
<ul style="list-style-type: none">Cell permeabilisingElectrochemotherapyAtome probe tomographyBroadband radarULB transmissionDecontaminationElectrooptic cell drivingUnderground scanner	<ul style="list-style-type: none">Proprietary and patented designsns pulses (down to 0.6 ns)Tunable pulse profiles (positive, single cycle, square top)Voltage up to ± 3 kVRepetition rate up to 10 kHzVery low jitterVery long life-timeSmall foot printElectronic power supply with analog or numerical control

INVISIBLE LASER RADIATION
Avoid Eye or Skin Exposure to DIRECT or SCATTERED radiation
Class 3B (III B) Laser Product
WAVELENGTH 1064nm
PULSE WIDTH < 10 ns AVG POWER < 1W
THIS LASER DOES NOT COMPLY WITH 21 CFR 1040.10
NOR IEC 60825-1+A1+A2:2001
USE ONLY AS AN OEM COMPONENT



