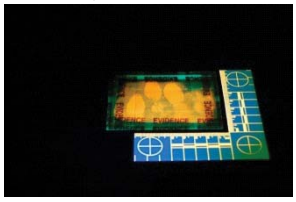
LASER LIGHT
SOLUTIONS

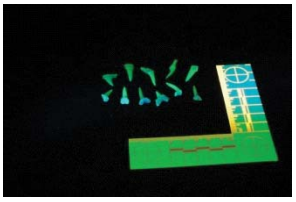
BrightBeam Blue Forensics Illumination System

The **BrightBeam** Blue Forensic system is a versatile, high power, light weight and compact laser based tool. It has been designed specifically for demanding forensic challenges and environments for evidence collection and identification. It produces the highest fluoresce response for the widest array of biological and Fluorescing materials to make finding evidence faster and far easier.
The unit has the capability of delivering up to 5 Watts of high power 445nm output power from its easy to use hand piece. The hand piece is designed to be carried or can easily mount to a standard tripod base. It is equipped with an easy to use remote USB interface for full intuitive control over the laser via a Graphical User Interface (GUI), perfect for any laboratory environment.
Features include : Adjustable power, Adjustable output spot size, mounted fluorescent viewing window, long rugged metal cord, light weight, portable, wide AC input range, Laser Safety Interlocks with internal monitoring, safety thermal monitoring, USB interface, optional battery pack.

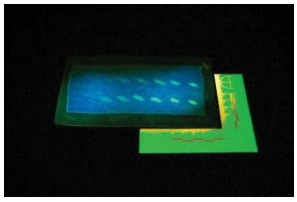
Finger Prints



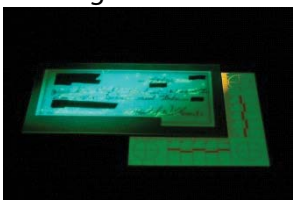
Teeth and Bones



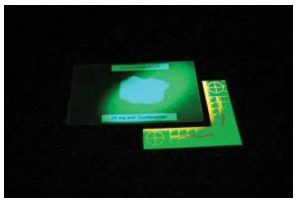
Semen and Blood



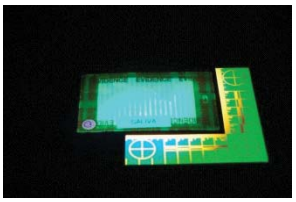
Forged Checks



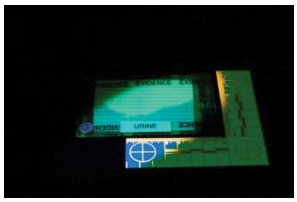
Narcotics



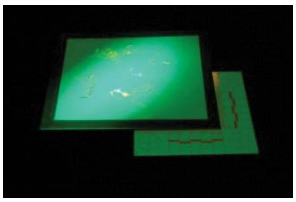
Saliva



Urine



Hair and Fibers



The unique design of the BrightBeam Forensics laser system has the proven and tested capability to fluoresce a more diverse group of materials with a stronger response for easy detection of potential evidence.

Samples shown fluorescing under the BrightBeam laser system in a dark room.

System Electrical /Mechanical Parameters:	Value	Units
Optical Output Power	5	Watts
AC Operating Voltage	110 - 220	Vac
AC input Frequency	50 - 60	Hz
Size (L x W X H)	11x 5.5 x 10	inches
Hand Piece	11	inches
Weight (Base and hand piece)	< 12	lbs

Available Accessories: Battery pack, Diffuser lens, Tripod, Heavy duty rolling protective case, custom cable hand piece cable lengths, variety of viewing windows.

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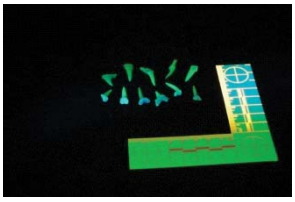
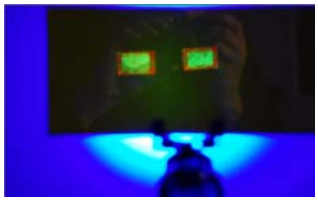
The **BrightBeam** Forensic Blue is a versatile, light weight, high power laser forensic system. The system has the capability to deliver up to 5 Watts of high power 445nm output power. With a variable spot size and the highest power blue laser available today. It has been designed for ease of integration and application flexibility. The blue laser is specifically designed to illuminate more samples from longer distances with ease. The Bright Beam System delivers power and wavelengths that get the most brilliant fluorescence from the widest variety of samples.





Laser Safety and Computer Interface Parameters:

Safety Interlocks	Enable Key and TTL Signal	
USB	Type 2	GUI and Driver provided

Safety Parameters:

The Bright Beam system has built in soft start and ESD protection for the laser module. The unit is equipped with interlocks circuits for laser safety compliance. The unit also has thermal monitoring with built in safety shutdowns if operated in extreme temperature for long periods.

Product Labels and Warnings: