



# Product Design & Specifications

The professional choice in premium laser products

BTG-3

Green Laser Pointer - FDA Safety Class II

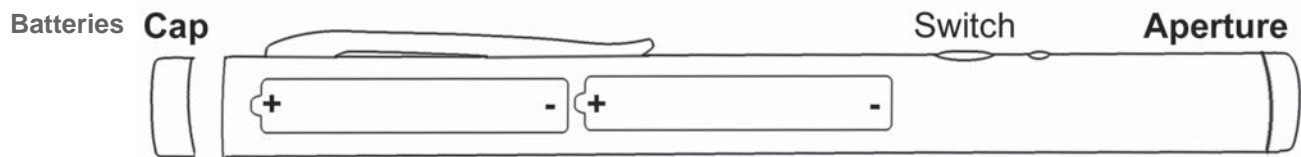
Green - 532nm (Emerald Series)



## Design & Operation

The Z-Bolt® BTG-3 features FDA Safety Class II < 1 mW green laser power output. Legal for use and importation into the UK, Australia, and European Union. These countries and unions regulate and prohibit all laser pointers that are over 1 mW in output. (Pointer carries proper FDA/CDRH yellow warning label). Pocket size (144mm) for easy carry - great for presentations, briefings, general use. The Z-Bolt® BTG-3 ships in a satin lined travel & carry case; Z-Bolt® Lanyard & Accessory End Cap; 2 pcs AAA batteries included. The tube casing is jet black with brass accents and the diode features computerized APC circuitry.

The computerized APC diode drive circuit features "Automatic Power Control". The APC circuit is based on a photo diode feedback loop. The photo diode monitors the optical output and provides a control signal for the laser diode, helping to maintain the diode operation at a constant optical output level. The circuit adds to the lifetime of the laser, prevents overheating, and provides overall power output stability & efficiency.



Remove Cap Switch. Insert two AAA batteries (+) Tip toward cap. Replace Cap. Do not attempt to remove aperture; voids warranty.

## Box Contents - Features

- UK, Australia, & European Union Approved
- Jet Black Finish (Polished Brass Accents)
- Computerized APC Diode Control Circuit
- Power Supply - 2 AAA Alkaline Batteries
- 36" Green Nylon Z-Bolt® Lanyard
- User Guide & Specification Card
- Satin Lined Travel & Carry Case
- Accessory End Cap & Ring

## Laser Specifications

- Length 5.70 in. x Diameter 0.51 in. ( 144 mm x 13 mm )
- Wavelength (Color) - 532 nm (Emerald Green)
- Diode Operating Life - 3,000 hours
- Circuit Type - Computerized APC
- Beam Diameter - Source - 1.1 mm
- Output Mode - Constant Wave
- Output Power - <1 mW
- FDA Safety Class - II
- ANSI Safety Class - 2
- Warranty - 1 Year

Z-Bolt.com/Guides