





child/dkpdf/dkpdf-index.php on line 182

**Warning:** Trying to access array offset on value of type null in /var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php on line 182

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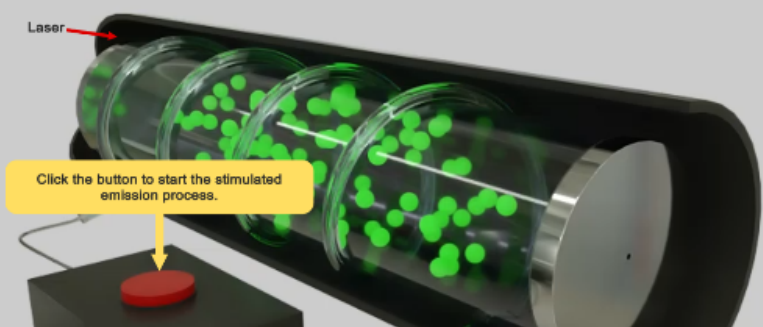
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Introduction to Laser Shaft Alignment - WX19275-XA01UEN-E1

Objective 1: Describe the Operation of a Laser and Give an Application

### How Lasers Work



Click the button to start the stimulated emission process.

Inside a laser, light is produced through a process called stimulated emission. During this process, a very intense light source transfers energy to stimulate atoms. Once the atoms can no longer hold more energy, they emit energy in the form of light packets called photons. Photons bounce between two mirrors at each end of the laser. One of the mirrors is a semi-silvered mirror. It reflects some of the photons, while others pass through the mirror to form a laser beam.

This page is interactive. Click anywhere to hide the instructions.

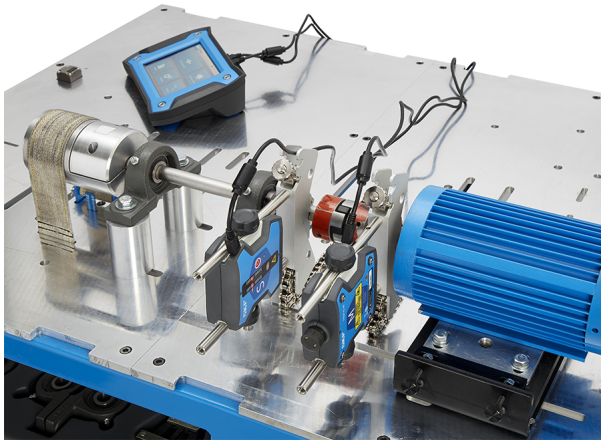
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**Warning:** foreach() argument must be of type array|object, null given in  
</var/www/vhosts/amatrol.com/httpdocs/wp-content/themes/kallyas-child/dkpdf/dkpdf-index.php> on line  
193

### **Additional Info**

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### **Requires:**

- Computer (see [Computer Requirements](#))

### **Referenced Equipment:**

- Laser Shaft Alignment Learning System ([97-ME2A](#))

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### **Address**

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phone: (800) 264 8285**