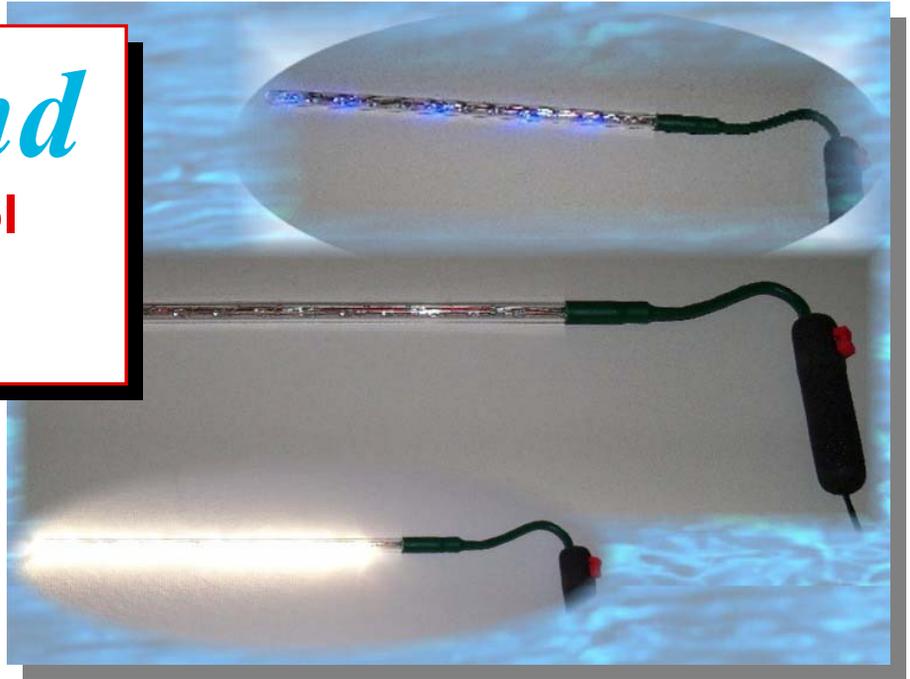


Light Wand

Visual Inspection Tool



Special Features

- Protected long life light emitting diode (LED) enabling complete illumination of cylinder.
- Length of wand optimized for use on all common cylinders.
- Warm white LEDs best simulate incandescent light.
- Duplex model has both white and ultra-violet light source in one.
- Ultra-violet light source meets CGA G-4.1
- Low voltage for use in hazardous locations.



Application

In order for a successful visual inspection to be accomplished, the inside of the cylinder must be illuminated. The light wand tool manufactured by Centurion NDT utilizes state of the art technology warm white light emitting diodes (LED). Once inserted into the cylinder, the toggle switch energizes the light wand and the entire tank is illuminated. This enables the inspector to carefully look for corrosion, pitting, and foreign materials.

The white light wand is constructed using warm white LEDs which best simulate incandescent lamps. Warm white LEDs are much



less harsh than standard cool white LEDs when used in the highly reflective area such as an aluminum cylinder.

The duplex light wand is actually two wands in one. First, the white light is the same as in the dedicated white light wand. As the toggle switch is actuated, either the warm white lights are lit or the ultra-violet LEDs.

Visual inspection using ultra-violet light is required as per the Compressed Gas Association regulation CGA G-4.1 on cylinders used for enriched oxygen delivery. Organic particulates such as oil or lint fibers will fluoresce when illuminated by ultra-violet

Ordering Specifications

PIN 230010 **Warm White Light Wand**

13.5 inches long, red color coded handle includes power supply

PIN 230011 **Duplex Light Wand** Warm white and Ultra-violet in one wand

13.5 inches long, green color coded handle includes power supply