![Chipsmall logo]

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!

## Contact us

# 810 Fiber Optic Inspection Tool
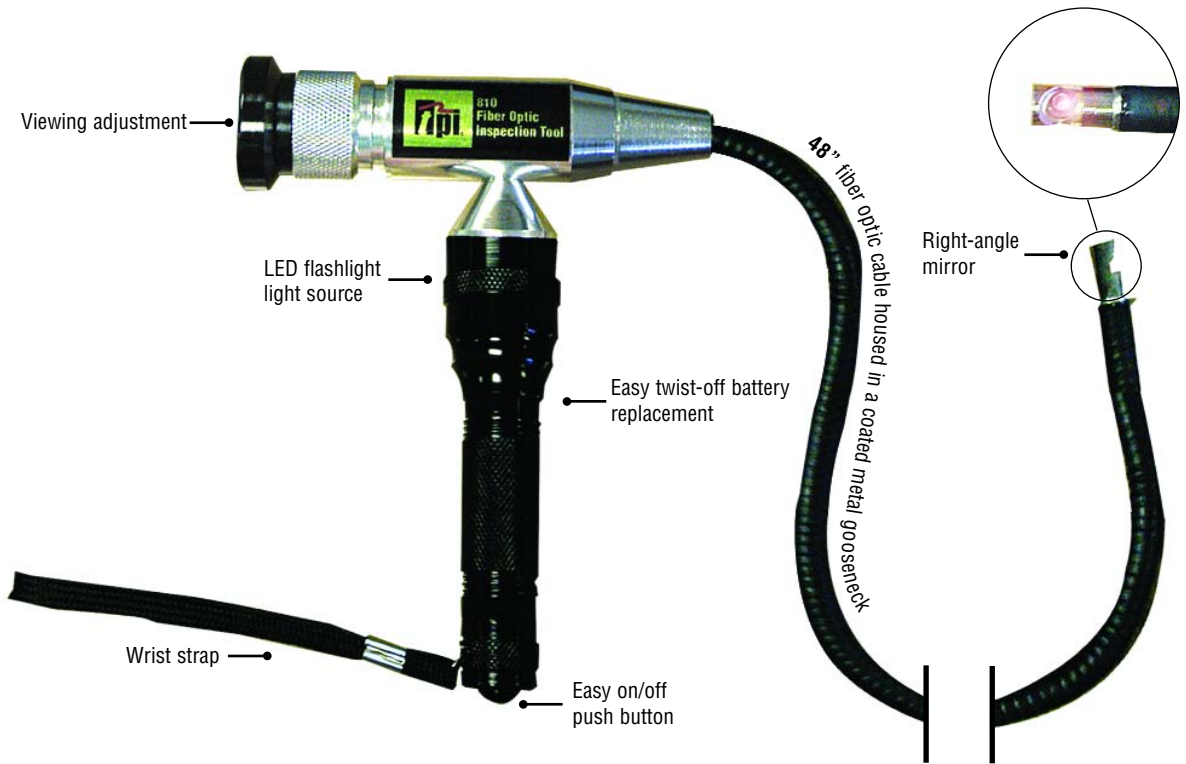
## 810 APPLICATIONS

### HVAC
- Perform non-destructive inspections of heat exchangers
- Examine heating and cooling ductwork integrity
- Check for blocked evaporator coils in air conditioning equipment
- Inspect boilers without costly disassembly
- Look inside oil burning furnaces for igniter components
- Use to show customers visual evidence of a cracked heat exchanger

### INDUSTRIAL
- Inspect the integrity of weld in pipes and tanks
- Examine gear and bearing surfaces without equipment disassembly
- Perform motor inspection and diagnostics

### HOME INSPECTION
- Check the quality of pipes and ducts
- Inspect wire integrity and placement
- Look inside walls and crawl spaces
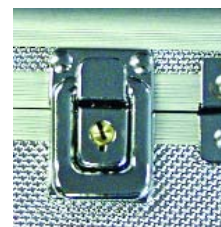- View insulation in walls or attics

## The Value Leader™

Viewing adjustment

LED flashlight light source

Easy twist-off battery replacement

Wrist strap

Easy on/off push button

48" fiber optic cable housed in a coated metal gooseneck

Right-angle mirror

## FEATURES

- **Hi-resolution 8,000 pixel image offers enhanced vision and clarity**
- **Obedient wand maintains position after adjustment and protects fiber optic bundle**
- **Sealed tip for use in for noncorrosive liquids**
- **Optional LED light source to detect UV dye**
- **Machined aluminum housing is rugged and durable**
- **Super bright LED flashlight light source provides longer battery life with no bulb replacement necessary**
- **Coated flexible fiber optic cable for accessibility to tight areas with bends and curves**
- **45° Glass inspection mirror for side viewing**
- **One-hand focus adjustment**
- **Compact aluminum carrying case with locking latches**
- **One year limited warranty**

### HEAVY DUTY CARRYING CASE
Easy handling and storage for the 810 Fiber optic inspection tool

### LOCKING HINGES
Help prevent theft and keep the 810 secure inside the case

### REMOVEABLE RIGHT ANGLE MIRROR
Perform inspections in hard-to-reach areas where side vision is needed

### Technical Specifications

| | | |
|---|---|---|
| **Optical system** | Pixels | 8,000 |
| | Field of view | 45° |
| | Depth of obeservation | 1 in to 6 in (25mm to 150mm) |
| **Minimum focus distance** | 1" (25mm) | |
| **Maximum bend radius** | 4" (100mm) | |
| **Tip diameter** | .26 in (6.6mm) | |
| **Shaft diameter** | .39 in (1.0mm) | |
| **Working length** | 48 in (1,220mm) | |
| **Overall length** | 52 in (1,320mm) | |
| **Net weight** | .79 lb (360g) | |
| **Operating temperature** | 50°F to 140°F (10° to 60°C) | |
| | | |
| **Carrying case** | 13 x 10 x 2.75 in (330mm x 250mm x 70mm) | |

### Side Viewing Adapter

| | |
|---|---|
| **Viewing angle** | 90° |
| **Field of view** | 45° |
| **Depth of observation** | 1 in to 6 in (25mm to 150mm) |
| **Tip diameter** | .35 in (9mm) |

### Standard Accessories

| | |
|---|---|
| **A801** | Heavy duty carrying case for the 810 |
| **A811** | 45° side view mirrow |
| **A002** | 1.5V battery (2) |
| **A013** | keys for A801 heavy duty carrying case |
| **A812** | flashlight for 810 fiber optic inspection tool |

### Optional Accessories

| | |
|---|---|
| **A813** | blue LED flashlight for UV dye |
| **A814** | magnet for 810 |

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