

# Automotive Borescope

## General information about Automotive Borescope AD-V2128

### Product Features:

- ✓ Excellent Quality
- ✓ Wear-resistant titanium alloy probe
- ✓ Using a new type of titanium alloy probe, the wear resistance is 100 times of ordinary stainless steel.
- ✓ Sapphire protective lens: impact-resistant/ fall-resistant/ scratch resistant
- ✓ Double tungsten alloy braided insert tube of 4 layers
- ✓ Wear resistance: 20 times better than steel wire insert tube
- ✓ Flexibility: 4 times better than other materials
- ✓ 5-Low power consumption, long working time
- ✓ 3200mAh rechargeable batteries, low power consumption design, saving 30% power. A battery can work for 4.5 hour. It is equipped a backup battery to support long time inspection work, also supports for charging directly with adaptor during working.
- ✓ Sturdy and durable: cold-resistant/ high-temperature-resistant /water-proof/ fall-resistant
- ✓ Pass a large number of harsh environmental testing: water-proof and dust
- ✓ proof test: insert tube : IP67/ monitor: IP55 one meter fall-resistant test
- ✓ Easy Operation



## Other features:

- Simple and intuitive guidance menu Support 8 languages : Chinese, English, Russian, etc.
- Ergonomic design, easy operation
- Fast and accurate target location
- With a unique design of damping elastic rocker, users can fast and easily control the probe direction. After positioning, users can make sharp turning with ocker for more detailed inspections.
- Light and Handy
- Only 0.45Kg(with battery), one-hand operation The packaging case is fall-resistant, light and portable. Users can easily carry out and put it into luggage rack in the aircraft, train during the trip.
- Sturdy protection design enhances the product protection level.
- Detachable magnetic base Integration design, one-hand-operation
- Detachable magnetic base can be adsorbed on the metal surface, makes the operation and inspection easier.
- absorbable base, rotatable image, convenient inspection.
- Super features
- Globally unique technology of replaceable insert tube
- According to different inspection requirements, users can easily replace the spare insert tube with different length, diameter, depth of field and viewing angle, which can greatly reduce the using cost.
- Super large depth of field and wide viewing angle The illumination of ME Pro series is 10 times of the ordinary borescope.
- It is up to 20,000lx at a maximum.
- 7 levels of brightness adjustment
- Super large depth of field: 10mm-100mm
- Viewing angle: 100°
- Excellent Image processing technology
- 3.5 inches SONY HD digital screen
- Static picture : 4 times magnification
- Real-time image : 2 times digital magnification
- With Wider picture processing technology, it can effectively highlights the details, and makes the pictures delicate and realistic.

## Application:

ME series are widely used in auto aftermarket, in order to check the cylinder block, valve, piston head, nozzle, ternary catalytic converter, evaporation tank, piping and gap of car body. With visual inspection, the car owners and mechanics can easily know the running status and of car and troubleshoot.



## Technical specification of the device:

- **Replaceable Insert Tube:**Users can easily replace the spare insert tube.
- **Remote Connection:**Connect with computers and remotely view the situation
- of measured object in real time.
- **Camera Diameter(mm):**Φ6mm
- **Camera Material:**Titanium alloy
- **Camera Pixel:**450,000
- **Depth of Field:**7mm~100mm
- **Angle of Field:**100°
- **Illumination:**20,000lx at a maximum, adjustable
- **Bright/Chroma/Chontrast Ratio Adjustment:**0-16 levels adjustment
- **Bending Control:**360°all way mechanical control
- **Bending Angle:**≥160°
- **Effective Working Length:**1.0m
- **Insert Tube:**Quadruple tungsten-braided tubes
- **Display:**Highlight 3.5 inchesTFT LCD
- **LCD View Angle:**85°
- **Display Resolution:**640\*480
- **Memory:**Standard TFcard:8G
- **Data I/O port:**Micro-USB port、 Video output port
- **Waterproof:**Camera/Object lens/Tubes:IP67
- **Host Working Time:**≥4 hours
- **Weight:**≤0.45kg (with batteries)
- **Power Supply:**Rechargeable lithium battery (dismountable)
- **Battery Capacity:**4.2V 3200mAh
- **Power Consumption:**2W
- **Charging Parameters:**DC5V, Maximum current:1A

