

Bore Master-HD

**BORE-MASTER-HD**

Micro diameter Industrial endoscope



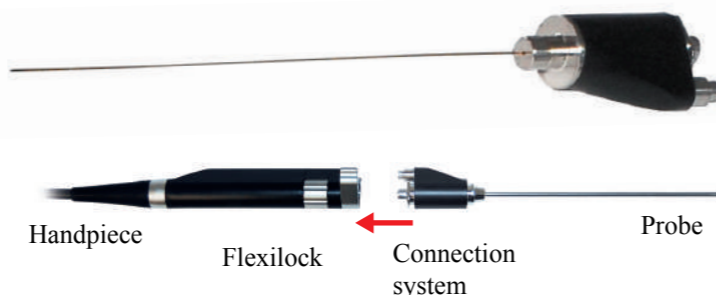
Features of Camera body

1. High resolution full HD image quality
2. Equipped with an image processing function (video algorithm) that ensures better inspection
3. Very small burrs, cracks, defects, dust, etc. can be detected by the image without missing.
4. Remaining images can be recorded into USB memory, by using Image Capture button.
5. The camera unit can stand vertically by installing attached rubber foot.



Features of the probe (Sold separately)

1. Extremely small diameter:  $\Phi 0.7\text{mm}$
  2. Precision products can be inspected thanks to the extremely small diameter ( $\Phi 0.7\text{mm}$ ) of the probe.
  3. Probe is replaceable.
  4. Type of probe can be selected to suit the specific applications.
- External diameter:  $\Phi 0.7\text{mm} \sim \Phi 2.7\text{mm}$   
 Front observation/Inclined observation/Rod lense, etc.



Actual examples (Our experiences)

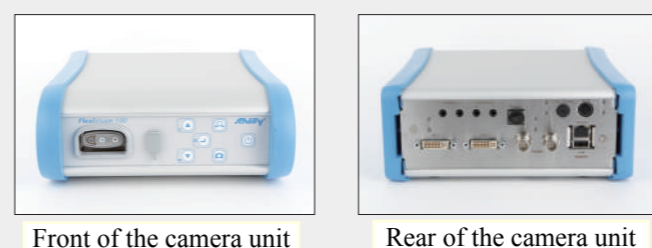


- Inspection of fuel injection device and inside of engine
- Inspect the shape of the catalyst converters, foreign substances
- Check metals in the production process of catalyst converters
- Check the oil holes of cutting tools in precision machining

Industrial endoscope (Camera body)



Hard case for easy storage and transportation



Front of the camera unit

Rear of the camera unit

The price is only 1/2 of the other high-end products

Specifications

Model (Camera body)	96.0040.XT
Image sensor	1/3 Inch CMOS
Image resolution	1920x1080
Aspect ratio	16:9
Illumination	LED light embedded inside of the handpiece
Length of camera cable	2.5m
Output	DVIx2, HD-SDIx2, 3.5mm <sup>+</sup> Connector for foot switch x2
Supply voltage	AC100~240V 50/60Hz
Dim./weight (Camera unit)	225x92x282mm • 4kg
Dim./weight (Handpiece)	155x19x29mm • 125g

Industrial endoscope (Probe)

Type of probe can be selected to suit the specific applications.

**Fiber probe**

Model	Price	Ext.diameter	Effective length	Pixel	Observation direction	View angle	External tube
96.0103s	Please contact us.	$\phi 0.7\text{mm}$	150mm	6000	0°	70°	Polyimide
96.0132s	Please contact us.	$\phi 1.6\text{mm}$	135mm	30000 Pixel	0°	85°	Nikel-Titanium
96.0134s	Please contact us.	$\phi 2.0\text{mm}$	135mm	30000 Pixel	0°	85°	Stainless

**Rod lense probe**

Model	Price	Ext.diameter	Effective length	Observation direction	View angle	External tube
96.0274s	Please contact us.	$\phi 2.7\text{mm}$	110mm	0°	75°	Stainless
96.0273s	Please contact us.	$\phi 2.7\text{mm}$	110mm	30°	75°	Stainless

※ Since this is lenses type, no image sensor is mentioned.

Industrial endoscope's options

OPTION PARTS

D-116FH



Main features

- HDMI input, 11.6 inch full HD monitor
- Best for the monitor of industrial endoscope

Specifications

Model	D-116FH
Max. power consumption	Less than 15VA
Power supply	DC12V 1000mA
Screen	11.6 Inch (16:9)
Resolution	1920x1080 (Full HD)
Input terminal	
Size of main body	282x180.5x153mm