



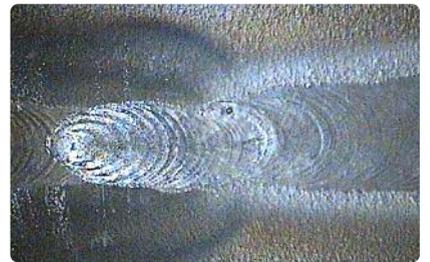
# VISIO PRIME

Inspector

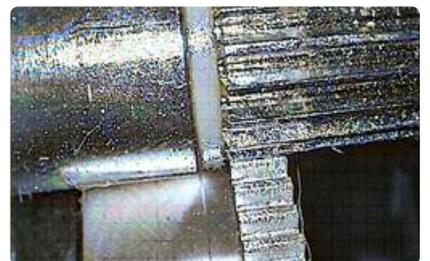




Turbine inspection



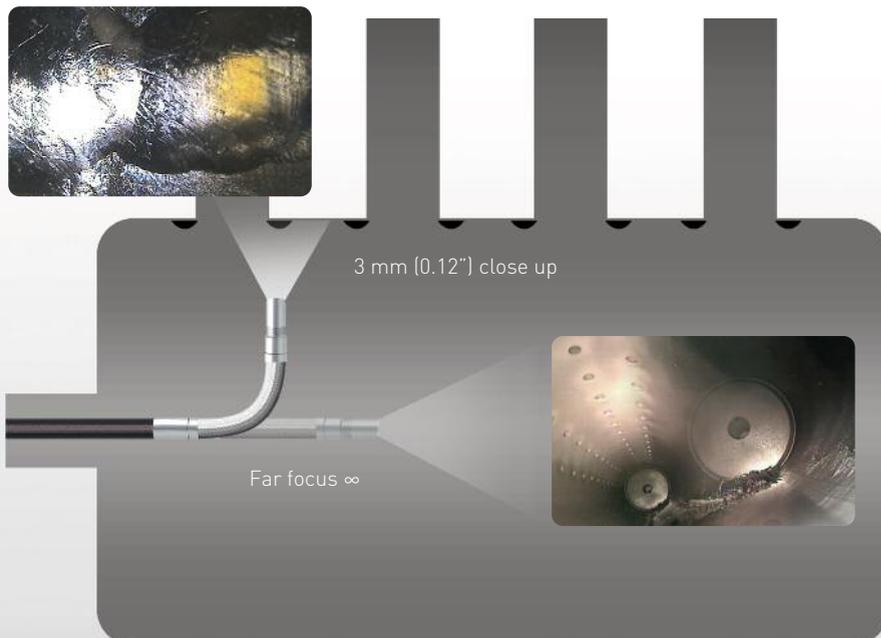
Weld inspection



Gear inspection

As well as the functional advantages, there are financial benefits to be considered when deciding for the VISIO PRIME. Costs for a videoendoscope are related to the purchase of the instrumentation as well as cost to run and maintain such equipment. With the special four layer insertion tube construction and the robust tungsten outer braid your instrument is well protected against damage. Additional design considerations such as using a long life LED illumination adds additional strength reducing the cost of ownership.

- :: Pipeline construction / Weld inspections
- :: Wind power / Gearbox, Wing-other fiber composite structures
- :: Power generation / Turbine inspections
- :: Automotive industry / Motors, gears, chassis
- :: General cavity inspections / Connections, external part sealings
- :: Foreign objects retrieval



Focus and illumination challenges like a steam trap inspection are quickly solved by the "Easy Focus" optical system in combination with the high power LED fibre hybrid illumination. Best image results at any distance and in dark cavities.

Inspecting a big vessel will require a different focus setting than searching for corrosion in a small pipe. These applications can not be covered by cheap fix focus systems. With the "Easy Focus" optical system all applications can be covered without the need of limiting and expensive optical adapters.

# Whenever you need a “quick look inside”, VISIO PRIME will provide it within seconds.



## Robust tungsten braid



The desired ruggedness for the harsh industrial environment is achieved by a special multi-layer probe construction probe ending with a tungsten braiding for cut resistance.

## The “Easy Focus” optical system



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## Robust construction



The high-quality aluminium handle and buttons enable secure working even under harsh environment.

Sometimes, although you may need it, there is little space to bring a video endoscope for inspection. VISIO PRIME Inspector will offer you all the advantages of a highly mobil professional videoendoscope system at a very economic price. Battery driven with just 6mm working diameter and the all way articulation camera head VISION PRIME Inspector will give you full flexibility to quickly inspect the most remote and complex structures.

The strong LED fiber hybrid illumination will bring light into even the darkest cavity that needs to be looked into.

With the unique “Easy Focus” optical system you achieve excellent focused images at any distance. Your application requirements are solved, whether inspecting small diameter pipes or looking into big steam traps. They can all be covered, without the limitations of other typically fixed focus systems with expensive optical adapters. VISIO PRIME’s “Easy Focus” allows you step-less focussing, securing best image quality and detail presentation.

## Mobile and independent usage with the powerful rechargeable battery system



The battery-powered system is easy to use, and weighing less than 1 kg (2.20 lbs), is very portable.

## High powered LED illumination



The areas to be looked at require a very good illumination. With the extra strong fibre LED hybrid light, the camera will deliver excellent pictures even from big and dark cavities. This light source has a constant quality over a very long life time saving the usual costs for lamp replacements.

## All way articulation



All way articulating head to inspect hidden spaces such as combustion chambers or piping systems.

## On board digital snapshot and film documentation



At the tip of your fingers you can take digital images or even digital video.



This evidence feature will save costs, improve and accelerate communication and repair planning.

Specifications	VISIO PRIME Inspector
Working length	2 meter, 3 meter, 6 meter   6.5 ft, 9.8 ft, 19.7 ft
Working diameter	6 mm   0.24"
Articulation	All way 120°
Insertion tube material	Tungsten
Illumination	High power LED fiber Hybrid
Display	TFT 3,5 inch
Image recording	Standard JPEG
Video recording	Digital MPEG2
Image and film storage	SD card included
Connectors	USB 2.0, DC power
Video output	Composite video out
Weight	Less than 1 kg   Less than 2.20 lbs
Storage temperature	-40°C to +70°C   -40°F to +158°F
Operation temperature	-10°C to +60°C   +14°F to +140°F
Direction of view (DOV)	0° forward / 70°, 90°, 110° side view mirror (optional)
Range of view	Focus 3 mm (0.12") to ∞ (infinity variable with the "Easy Focus" optic system)
Zoom	Digital 1,5x
Waterproof	Insertion tube fully emersible and waterproof
Transport case	Robust with special foam inlay

#### A full system kit contains

- 1 VISIO PRIME Inspector,  
Item No.: 4602000T (2m),  
4603000T (3m), 4606000T (6m)
- 1.1 SD card
- 1.2 Battery charger
- 1.3 Operating instructions
- 1.4 Transport case

#### Optional available, usefull accessories:

- 2 Side tip adapter,  
70°, Item No.: DV107663X  
90°, Item No.: DV107664X  
110°, Item No.: DV107665X
- 3 USB car charger,  
Item No.: CE105570X  
(charge the unit between two jobs)
- 4 Video RCA connector cable,  
Item No.: CE107662X  
(to connect an external monitor)
- 5 Mini USB to USB connector cable,  
Item No.: CE107504X  
(data transfer to PC)



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