



VISIO PRIME Inspector

The VISIO PRIME Inspector is a ground-breaking new portable video endoscope with 4 way articulation, specifically designed for applications where portability is the key. This portable video endoscope has a 6mm insertion tube system with full 4-way articulation. Available in a choice of lengths from 2m to 6m. The battery-powered unit combines the latest hybrid-fibre optic technology with high power LED illumination to deliver huge levels of light, with an “easy-focus” lens, ensuring you have a perfect image in even the darkest space – and you can get the image you need without resorting to a multitude of tip adapters.

The handset incorporates a digital video and still capture facility, storing on to standard digital media, ensuring you have the images you need to plan your maintenance tasks such as:

- Pipeline construction/Weld inspection
- Power Generation - Turbine Inspection
- General cavity inspections
- Wind Turbine applications such as Gearbox Inspection, Wing and other composite structures
- Automotive Industry - Motors, gears and chassis
- Foreign object 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 cannot 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.

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Technical Specifications

| | |
|-------------------------|--|
| Working length | 2 meter, 3 meter, 6 meter |
| Working diameter | 6mm |
| Articulation | All way 120° |
| Insertion tube material | Tungsten |
| Illumination | High power LED fibre 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 1kg |
| Storage temperature | -40°C to +70°C |
| Operation temperature | -10°C to +60°C |
| 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 |

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