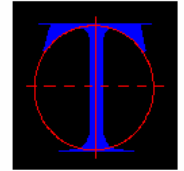


STRUCTURES DATA SHEET 10

Endoscope



TESTCONSULT

TESTING AND CONSULTING SERVICES

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Endoscopes are miniature, elongated microscopes that Engineers use to perform minimally invasive surveys on structural components. Endoscopes may be rigid or flexible. Both are delicate, precision instruments. Most flexible endoscopes contain systems to deliver light. Another internal system makes it possible for the Engineer to control bending of the instrument, referred to as distal-end angulation. Flexible endoscopes contain either an electronic video camera chip or glass fibre to produce or "return" images for the Engineer to view. Rigid endoscopes deliver light through thin stainless-steel tubes and "return" images through glass lenses

Rugged and water resistant, the ProVision endoscope that is used by Testconsult is made of high impact ABS and flexible cable sheathing that obediently stays in a set position. Adjust the cable into any position and it will stay fixed in place, until you decide to change it. This feature permits one-handed operation – freeing your other hand to work!

The high-resolution lens provides a clear image of objects as close as 19mm and over 300mm away while providing a wide 40° field of view. A powerful lamp illuminates dark crevices on-demand with the push of a button conveniently located on the handle.

The ergonomically designed handle is comfortable to hold and allows one-handed focusing.

- 40° Field of view
- Flex and stay
- Water resistant

Specification:

Shaft:

Length: 452mm

Diameter: 10.16mm

Handle:

Length: 152.4mm

Width: 36.2mm

Overall:

Length: 605mm

Weight: 227g

Carrying case:

Weight: 595g

Field of view: 40°

Viewing distance:

Min. : 2mm

Max. : Light dependant

Lamp: 2.5V

Batteries: 2 x AA (not supplied)

