

The Evolution of Pipe Inspection

Inuktun technology lets you... see it for yourself.



see it for yourself.

The Spectrum 45™ pan and tilt camera is one of the smallest industrial cameras of its kind. With a diameter of only 1.75"/45mm, this robust 400 TV line resolution, 0.5 lux, 1/3" CCD color camera is built out of aluminum and depth rated to 100ft/30m. In addition, the Spectrum 45™ camera offers 4 x 1 watt high powered LED lights to maximize your penetration, visibility, and image quality

APPLICATIONS

- Toxic environment inspection
- Underwater inspection
- Caisson inspection
- Nuclear fuel pool inspection
- Reactor vessel inspection
- Small diameter pipe inspection
- Foreign object search and retrieval
- Dam and lock inspection
- Robotics and remote tooling
- ROV integration
- Corrosion evaluation
- Remote monitoring

BENEFITS

- Miniature size for 1 3/4" /45mm inspections
- Light weight
- Robust and reliable
- Waterproof to 100ft / 30m
- Sensitive controls for precise operation

For more information
on advanced pipe
inspection systems,
contact Inuktun today.

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Printed in Canada

* Specifications subject to change

SPECTRUM 45



Size

Diameter 1.75"/45mm

Length 4.92"/125mm + connector

Camera

Material Aluminum

Type Color 1/3" CCD

Sensitivity <0.5 lux

Resolution 400 TV Lines (vertical)

Focus Manual (Remote)

Iris Auto

Lights 4X1W High Power LEDs

Camera Weight 0.7lb/0.32kg

Controls

Active Controls Pan, Tilt, Focus & Light

Pan 360° continuous

Pan Speed 26°/sec

Tilt 280°

Tilt Speed 12°/sec

Horizontal FOV 53° in air

Clutch Pan & Tilt Clutch

Lights Variable intensity

Operating Environment

Temperature 0-50°C (32-122°F)

Depth Rating 100ft/30m

Control System

Power Auto-ranging 85-265 VAC

Pelican case 1150 Pelican case

Pelican size 9 1/4" X 7 9/16" X 4 3/8"

(23.5cm X 19.2cm X 11.1cm)

Pelican weight 1.6kg / 3.5lb

Interface Momentary 4 position joystick switch

Standard Tether cable up to 500ft/150m

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