

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 420 TV line resolution, 1.0 lux, 1/4" CMOS color camera is built out of aluminum and depth rated to 100ft/30m. In addition, the Spectrum 45™ camera offers 4 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 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

SPECTRUM 45

* Specifications subject to change



Size

Diameter 1.75" /45mm

Length 4.1" /104mm + connector

Camera

Material Aluminum

Type Color 1/4" CMOS

Sensitivity 1.0 lux

Resolution 420 TV Lines

Focus Manual (Remote)

Iris Auto

Lights 4 High intensity LEDs

Camera weight 0.7lb /0.32kg

Controls

Active Controls Pan, Tilt, Focus & Light

Pan 360° continuous

Pan Speed 0- 26° /sec

Tilt 280°

Tilt Speed 0-12° /sec

HFOV 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

Type Spectrum Controller

Power 110-220 VAC, 50-60Hz

Pelican case 1450 Pelican case

Pelican size 16" x 13" x 6 7/8"
(40.6cm x 33cm x 17.4cm)

Pelican weight 20.2kg /9.2lb

Interface Membrane panel with joystick input and home function; pan, tilt and inclinometer feedback, video text overlay with keyboard entry, date/time and camera feedback.

Tether cable up to 1500ft /457m

Specifications subject to change



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