APPLICATIONS

Industrial Maintenance
- Inspect machinery, pipes, valves, and welds...

Corrosion Inspection
- Inspect internally corroded pipes, tanks, and structures...

Aviation Maintenance
- Inspect airframes, engines, and instrument panels...

Vehicle Maintenance
- See under dashboards...

Underwater Inspection
- Inspect ship hulls, propellers, tanks, use underwater...

LETS YOUR EYES TRAVEL WHERE YOU CAN'T!

SnakeEye II is a low-cost rugged handheld remote video inspection system that is ideal for quick, qualitative inspections in hard-to-reach places. Lightweight, modular and portable, SnakeEye II "lets your eyes travel where you can't". Combining CCD camera and TFT-LCD display technology, SnakeEye II delivers crystal-clear, full color video at an affordable price.

SnakeEye II is modular in design so that it can be configured to easily inspect inside corroded pipes and tanks, around pipes and machinery, under vehicles and aircraft, inside engines and tanks, underwater hulls and structures ... the possible applications are endless.

SnakeEye II achieves its versatility with an interchangeable camera head that can be attached to a rigid wand, a flexible gooseneck, extension cable, telescoping wand, or a finger adapter. SnakeEye II comes equipped with a full range of accessories and also has plug-in capabilities, one of which allows the unit to connect to a standard VCR to record and playback images.

TOP VIEW

Color-coded push-button controls

Monitor inverse image 180°

On/Off power

3 levels of LED intensity

PANAMETRICS-NDT™

A Business of R/D Tech Instruments Inc.

920–010B

SNAKE EYE II SPECIFICATIONS*

DISPLAY UNIT
- 5 in (12.7 cm) color TFT-LCD
- 320 x 234 color pixels
- Rotatable
- Anti-glare screen
- Adjustable hand strap
- Automatic backlight adjustment
- 3 levels of LED intensity button (red)
- External power port
- Video I/O port
- Water resistant
- Monitor inverse image 180° button (blue)

CAMERA
- CCD camera
- 1.2 in (2.8 cm) diameter
- Sensitivity 10 lux
- Resolution 512 x 492
- Field of view 46 degrees
- 4 white light LEDs
- Water proof to 100 ft (30m)

POWER SYSTEM
- Up to 90 min operation
- 2 x 6 V NiMH rechargeable batteries
- Battery fast charger
- AC/DC adapter
- 12 V auto adapter

WAND
- 18 in (45.7 cm) length
- 90 degree articulation
- Sure-grip handle

ATTACHMENTS
- 4 ft (1.2 m) flexible cable
- Carrying case

GENERAL
- Total system weight: less than 2.5 lbs (1.1 kg)
- Power requirements:
  AC nominal input: 100-240 V
  DC nominal input: 12 V
- System operating temperature:
  32° F to 122° F (0° C to 50° C)
- Video input/output: NTSC

ACCESSORIES
PA-01 C-Mount Camera

PA-02 Gooseneck Adapter

PA-03 30 ft (9.1 m) Extension Cable

PA-03-100 100 ft (30.4 m) Extension Cable

PA-04 Battery Pack (1)

PA-05 Neck Strap

PA-06 Sun Shield

PA-07-2 Telescoping Wand 2 ft - 4 ft (0.6 m - 1.2 m)

PA-07-4 Telescoping Wand 4 ft - 7 ft (1.2 m - 2.1 m)

PA-07-6 Telescoping Wand 6 ft -11ft (1.8 m - 3.3 m)

PA-07-8 Telescoping Wand 8 ft -15 ft (2.4 m - 4.5 m)

PA-08 Belt Battery Pack

PA-09 Extended Warranty One year total

PP-08 AC Adapter

KITS

Base Kit W (PK-01W)

PP-01	Display Unit
PP-02	CCD Camera
PP-03	4 ft (1.2 m) Flexible Cable
PP-04	Rigid Wand Adapter
PP-05	Finger Adapter
PP-07	Battery Charger
PP-08	AC Adapter
PP-09	12 Volt DC Auto Adapter
PP-11	Carrying Case

BASE KIT CW (PK-01CW)
Includes Base Kit W with

PA-01	C-Mount Camera

flexible 4 ft cable

rigid wand

CCD camera head

TFT-LCD display

rechargeable battery pack

battery charger

AC adapter

12 volt DC auto adapter

carrying case

finger adapter

R/D TECH®

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