



SnakeEye II™

Video Inspection



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.

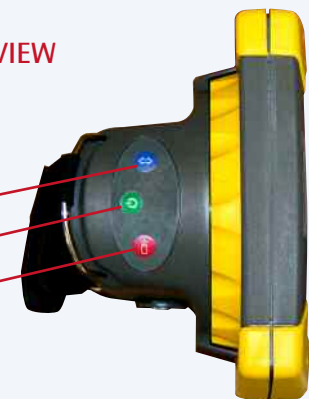
TOP VIEW

Color-coded push-button controls

Monitor inverse image 180°

On/Off power

3 levels of LED intensity



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

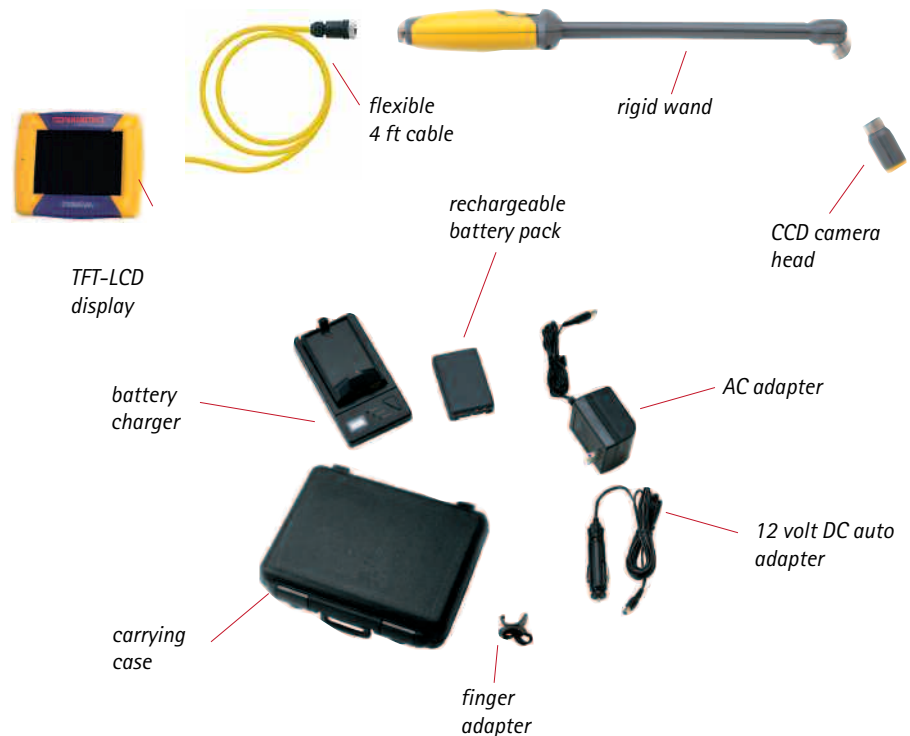
KITS

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



PANAMETRICS-NDT™

A Business of R/D Tech Instruments Inc.

Printed 9/2004

© 2004 R/D Tech Instruments Inc., All Rights Reserved.
*All specifications are subject to change without notice.
Panametrics, Panametrics-NDT and the Panametrics-NDT logo are trademarks of Panametrics Inc.
Snake Eye™ is a registered trademark of Aqua Communications, Inc. and is used with the permission of Aqua Communications, Inc. Other company or product names mentioned in this document may be trademarks or registered trademarks of their respective companies.

48 Woerd Ave, Waltham, MA U.S.A.
TEL 781-899-2740 • 800 225-8330 in North America
e-mail: info@panametrics-ndt.com

www.panametrics-ndt.com