![AIT - Advanced Inspection Technologies]

iTool™ System
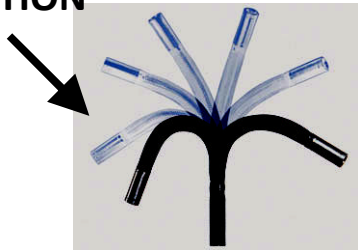
*"Everything you need,
nothing you don't…"*

iTool™ System

System Components:

Video-image Hub

SHIPPING & OPERATING CASE

VIDEOPROBE HAND-PIECE

ARTICULATION SECTION

LIGHT SOURCE

CAMERA AND LENS TIP

INSERTION TUBE

iTool™ System

Product Identification:

i — 4 — 6 — 300 — SYS

Product Designation

Articulation (2 or 4-way)

Probe Diameter (4.0, 6.0 & 8.0 mm)

Probe Length (x100cm)*
*(100, 150, 200, 300, 500, 600, 750)

Designation Complete System or Probe Only

• **SYS = Full system in case (Includes Videoscope, Imaging Hub/Light Source and System Case**

• **[Blank] VideoProbe only in case**

iTool™ System

Latches

Handlebar

Wheels

Case Handle

Rugged Case

20 SECOND SET-UP:

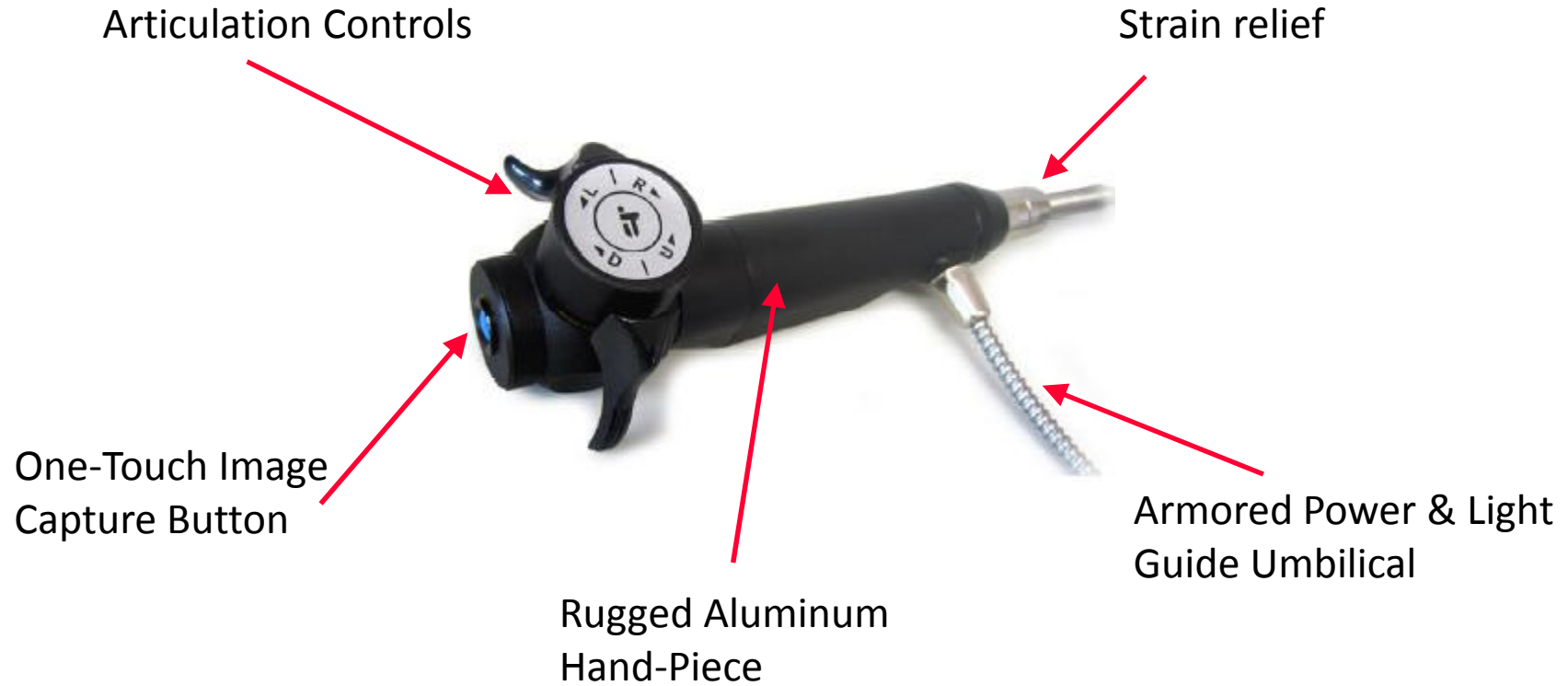**Step 1** - Open Case Top

Step 2 - Plug in power cord

Step 3 - Turn on power switch

Step 4 - Remove hand-piece and insertion tube from case

Step 5 - Start Inspecting!

iSeries™

Articulation Controls

Strain relief

One-Touch Image
Capture Button

Rugged Aluminum
Hand-Piece

Armored Power & Light
Guide Umbilical

iSeries™

Insertion Tubes – 4.0mm, 6.0mm, 8.0mm Diameters

Working Lengths – 1.5 Meters to 50.0 Meters

Construction – Tungsten Multi-Layer braid

Insertion Tube Immersible in: Water, Mineral and Synthetic Oils, Hydraulic Fluids, Aviation Fuel, Kerosene, Gasoline and Diesel Fuel

4.0mm

iSeries™

Interchangeable Tip Adapters – 0° Direct and 90° Side View

Sony Super HAD CCD – 380,000 Pixel Imager Produces Brilliant High Resolution Images
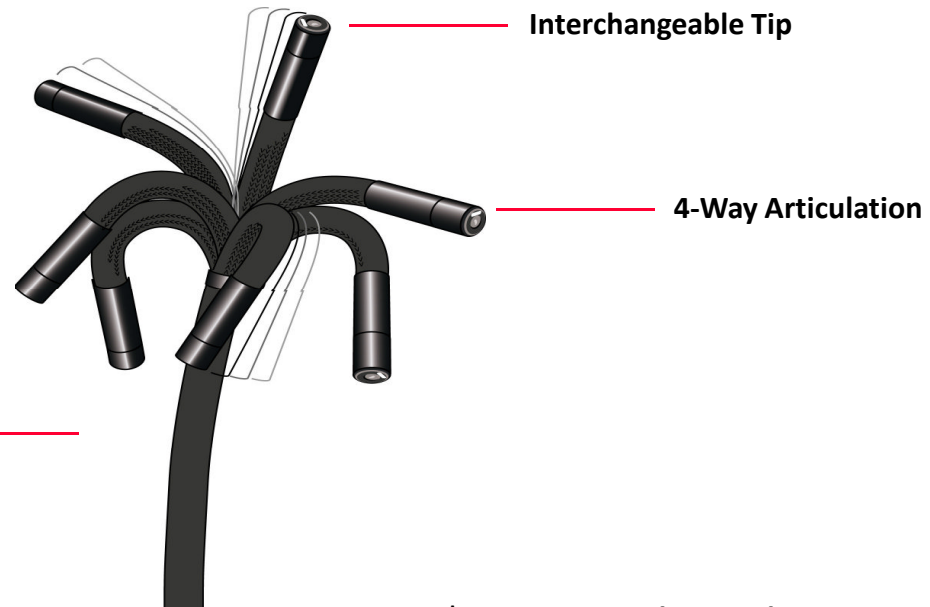

4.0mm

iSeries™

Articulation Control

- Intuitive one-handed operation
- Pressing Control "A" ALWAYS moves view on screen up or down.
- Pressing Control "B" ALWAYS moves view on screen right to left.

Interchangeable Tip

4-Way Articulation

Tungsten Braided Insertion Tube
300 lb. Per Square Inch
4.0mm(0.15") Diameter
6.0mm (0.240") Diameter
8.0mm (0.315") Diameter

*Minimum Bending Angle Note:
150 Degrees - 3M or Less
120 Degrees – 5.0M to 6.0M
** 90 Degrees - 7.5M**

iTool™

Front of Imaging-Hub

24 W HID Light Source

ACMI Light Plug

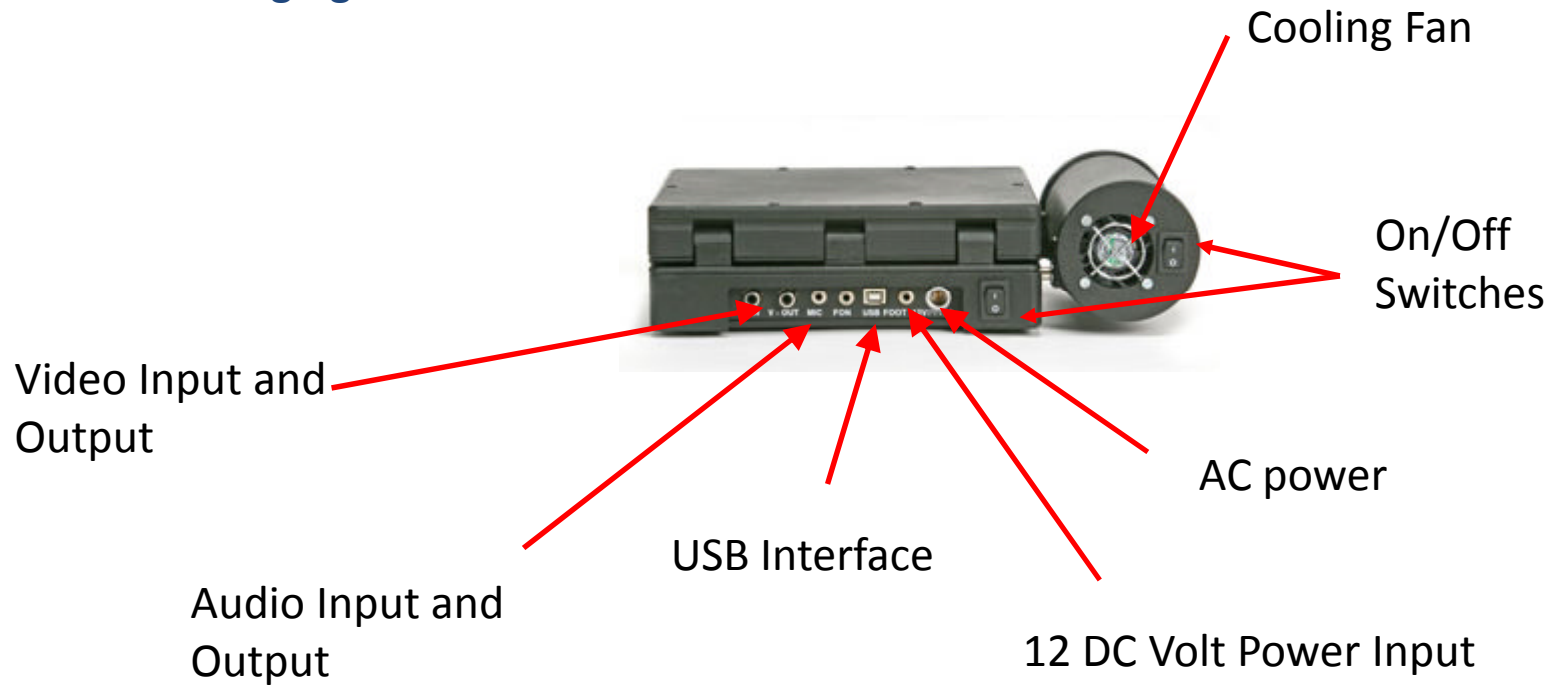7" LCD Monitor

Splash Proof Key Board

Light Brightness Control

Compact Flash Card

5 Pin Connector

Rear of Imaging-Hub

Cooling Fan

On/Off Switches

Video Input and Output

AC power

USB Interface

Audio Input and Output

12 DC Volt Power Input

iTool™

iTool Technology Platform:

- *Only 5.5 Pounds !*
- *Brilliant 7 inch, high resolution LCD !*
- *Freeze frame button*
- *Capture Digital Images*
- *Image inversion and 180° Rotate button*
- *brightness control*
- *Full Screen Image review*
- *Built in Key Board*
- *Menu Button*
- *Long exposure*

iCase™

Extendible Handle Bar

Waterproof Industrial System Case

Security Latches

Wheels

iTool™ System

iTool System Technology Platform:

- Brilliant High Resolution Images
- Portable
- Simple to use
- Rugged Construction
- Features you need
  - Digital Image Capture
  - Text Overlay
  - Long Exposure
- Powerful 24 W HID Light Source
- Affordable

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