

**GENERAL®**

# Rugged VGA Recording Video Borescope System

## Super High-Performance Rugged VGA Recording Video Borescope System with 7 inch LCD

**Ideal for professional close-up inspections of hard-to-see and hard-to-reach areas**

### Features:

- General's best super high-performance video borescope system
  - 7 in. Screen
  - Rugged
  - VGA Recording
  - VGA Resolution Probe
- Super-clear viewing on 7 in. (178mm) diagonal LCD with high-definition 800 x 480 pixel resolution
- 1m (39 in.) long, 5.5mm (0.22 in.) diameter soft metal probe with 640 x 480 pixel (VGA) resolution camera
- Camera's six LEDs—four facing forward and two at an angle—provide glare-free lighting in any environment
- Light boost, anti-reflection and 90° frame rotation buttons on probe handle maximize visibility of any inspection target
- Probe and stainless steel camera head are IP67 water, oil and dust-proof. Console is IP57 water, oil and dust-proof as well as drop-proof from height of 1m (39 in.)
- LCD can show side-by-side front and side views from optional split mirror probe tip attachment (requires purchase of optional VGA Resolution Articulating Probe and split mirror)
- Records VGA resolution video clips (with voice annotation) and still images using familiar menu-driven user interface. Saved video and photo files incorporate real-time brightness and zoom adjustments made prior to recording or "on the fly" to optimize target clarity and detail
- Easy-to-navigate album-style (3 x 3 grid) display of all stored media files
- Different areas of interest on saved photos can be selected for extreme close-up viewing
- Field of view can be enlarged up to 5X, mirrored horizontally, or rotated 90°, 180° or 270°. Features can be applied alone or together to make targets easier to inspect and serial numbers easier to read.
- 4GB SD memory card
- Analog video out/headphone jack
- USB cable for uploading media on SD card to PC without ejecting card
- 110° mirrored probe viewing tip
- Adjustable Auto Power Off triggering time
- Choice of 27 menu languages
- Custom airtight hard plastic carrying case
- Hand strap and tripod mount
- Powered by rechargeable Lithium-polymer battery

CE FC

No. DCS2000



**LCD can show side-by-side front and side views using optional probe tip attachment**



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## Specifications:

**Console Display Size, Type:** 7 in. (178mm) diagonal TFT color LCD

**Console Display Resolution:** 800 x 480 pixels

**Console Ingress Protection:** To water, oil & dust per IP55 standard

**Console Impact Resistance:** Drop from height of 1m (39 in.)

**Console Recording Resolution:** 640 x 480 pixels (VGA)

**Video File Format/Photo File Format:** .avi/.jpg

**Video Zoom Options:** 1.5x 2.0x, 5.0x

**Frame Rotation Options:** 90°, 180°, 270°

**Interfaces:** Analog audio/video & USB 2.0 jacks

**Analog Video Out Formats:** NTSC and PAL

**Video Frame Rate:** 30 frames per second (fps)

**Compression Format:** Compatible with MPEG4

### Recording Medium:

Standard-size SD card of up to 32GB capacity (4GB card included)

### Capacity of Included 4GB SD Card:

Three hours of VGA resolution video consuming an average of 26 Mbytes/minute

### Menu Languages:

English, French, German, Italian, Spanish, Portuguese, Japanese, Traditional Chinese, Simplified Chinese, Danish, Dutch, Polish, Russian, Bulgarian, Turkish, Swedish, Finnish, Norwegian, Estonian, Lithuanian, Latvian, Hungarian, Czech, Slovak, Slovenian, Romanian, Greek

**System Operating Temperature:** 14° to 140°F (-10° to 60°C)

**System Storage Temperature:** -4° to 176°F (-20° to 80°C)

**Dimensions of Console:** 9.45 x 6.06 x 1.85 in. (240 x 154 x 47mm)

**Weight of Console:** 2.6 lb. (1.18kg)

**Power Source:** Rechargeable Lithium-polymer battery

**Battery Life (typical):** 6 hours operation

## PROBE/CAMERA HEAD

**Probe Length, Type, Diameter:** 1m (39 in.), soft metal, 5.5mm (0.22 in.)

**Diameter of Camera Head with Thread Protector Installed:** 6mm (0.23 in.)

**Probe Handle Controls:** Light boost, anti-reflection, 90° image rotation

### Probe/Camera Head Ingress Protection:

To water, oil & dust per IP67 standard

**Camera Resolution:** 640 x 480 pixels (VGA)

**Camera Depth of Field:** 0.25 to 12 in. (6.4 to 300mm)

**Camera Field of View:** 60°

**Camera Lighting:** Six LEDs—four forward-facing, two at an angle

## Probes and Accessories Compatible with the DCS2000:

| UPC     | NO.                                 | DESCRIPTION   | CAMERA HEAD DIAMETER | PROBE LENGTH  | DEPTH OF FIELD                   |
|---------|-------------------------------------|---|----------------------|---------------|----------------------------------|
| 01575 9 | P16HPART                            | VGA Resolution Articulating Probe                   | 6.0mm (0.23 in.)     | 1m (3.28 ft.) | 0.25 to 12 in.<br>(6.4 to 300mm) |
| 01621 3 | P16HP2ART                           |   |                      | 2m (6.6 ft.)  |                                  |
| 01622 0 | P16HP3ART                           |   |                      | 3m (9.8 ft.)  |                                  |
| 01576 6 | P16181HP<br>(included with DCS2000) | VGA Resolution Probe                                | 5.5mm (0.22 in.)     | 1m (3.28 ft.) | 0.25 to 12 in.<br>(6.4 to 300mm) |
| 01644 2 | P16182HP                            |   |                      | 2m (6.6 ft.)  |                                  |
| 01645 9 | P16183HP                            |   |                      | 3m (9.8 ft.)  |                                  |
| 01578 0 | P16PIP                              | Pipe & Duct Inspection Probe & Reel Set             | 28mm (1.1 in.)       | 22m (72 ft.)  | 0.4 in. (10mm) to infinity       |
| 01685 5 | PSM16                               | Split Mirror for VGA Resolution Articulating Probes | —                    | —             | —                                |
| 01502 5 | SDRD1                               | USB SD Card Reader                                  | —                    | —             | —                                |



Stand

## Includes:

Console, VGA Resolution Probe, 110° Mirror, 4GB SD Card, USB Cable, AC Adaptor, Hard Case, Hand Strap, User's Manual, 1 Year Limited Warranty



General Tools & Instruments

80 White Street, New York, NY 10013-3567

TEL: 212. 431. 6100 TOLL FREE: 800. 697. 8665

sales@generaltools.com www.generaltools.com

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**Saves time and money on automotive maintenance and repair**