



JW FISHERS MFG INC

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TECHNICAL DATA SHEET



JUST ADD A MONITOR OR TV

- COMPACT CAMERA & LIGHTING SYSTEM
- ECONOMICALLY PRICED
- 500 FOOT DEPTH RATING
- SURFACE POWERED FOR EXTENDED OPERATIONS
- 150-1000 FOOT CABLE LENGTH WITH U/W CONNECTOR
- LOW LIGHT (.5 LUX) BLACK & WHITE CAMERA
- COLOR CAMERA (2 LUX) OPTIONAL
- AUTO IRIS, FIXED FOCUS, 50° WIDE ANGLE LENS
- POWERFUL 100/200 WATTS OF DIVER SWITCHABLE LIGHTING
- GROUND FAULT AND LEAK DETECTION CIRCUITRY
- TWO YEAR WARRANTY

DHC-1 Diver Held Camera

JW Fishers DHC-1 Diver Held Camera system is the ideal tool for hull inspections, bridge inspections, or any of the numerous underwater structure inspections encountered by today's commercial diver. The DHC-1 is ruggedly constructed of corrosion proof materials making it an excellent choice for work in depths of up to 500 feet. The system includes two powerful 100 watt lights with operation of the lights and camera controlled by the diver through a switch on the rear of the housing. The diver can select low lighting (100 watts) or high lighting (200 watts). The DHC-1 is surface powered allowing unlimited operating time for underwater operations.

The DHC-1 comes with a high resolution, low light black & white camera that produces sharp, clear video images. The picture can be viewed on a video monitor, a TV with a video input jack, a computer equipped with a video capture card, or Fishers VRM-1 video monitor and recorder. The VRM-1 has a built-in ultra-bright 10.4 inch flat screen monitor and digital video recorder (DVR). The DVR records up to 12 hours of video on an SD card.

The camera housing is constructed of high-impact, corrosion-proof PVC to give many years of trouble free performance. The DHC-1 is protected by leak detection circuitry that informs both diver, and topside personnel, if one drop of water should enter the housing. The cable jacket is constructed of highly abrasive resistant urethane. The underwater lights are water-cooled allowing many operations between bulb replacement.

Options for the DHC-1 include: a 500 watt lighting system, 12 volt inverter for dc operation, 220 volt transformer to operate from 220 volt power supply, cable lengths up to 1,000 feet, color camera, PAL format cameras, and VRM-1 video monitor with built-in digital video recorder.

The complete DHC-1 system is covered by Fishers TWO YEAR WARRANTY.



SPECIFICATIONS

DIMENSIONS/WEIGHTS:

- Camera Housing 11"L x 4.5"Dia in air 7 lbs.
..... in water 6 oz.
- Cable4"Dx150' - 1,000'L in air 25-167 lbs.
..... in water 4-30 lbs.

PERFORMANCE/DESCRIPTIONS:

- Camera ----- B&W CCD low light (.5) lux.
- Lens ----- 4 mm 50 deg wide angle.
- Light ----- Two 100 w tungsten halogen.
- Cable ----- 6 conductor, Urethane jacketed.
- Operating Depth ----- 500 feet.
- Color ----- Yellow/black.
- Sealing ----- O-ring sealed; contains leak detector.
- Power Requirements ----- 120 vac, 1.5 amps, 225w.

OPTIONS

- Cable lengths up to 1,000 feet
- Color cameras
- Very low light (.07lux) black & white camera
- VRM-1 video monitor and recorder
- 12 vdc (inverter)
- 220 vac (Europe)
- PAL camera (Europe)
- Spare parts kit