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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 video picture is viewed on the topside monitor and can be recorded on a VCR. The system can also be purchased with a color camera and monitor for those applications where a color picture is required.

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 1 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 black & white or color monitors.

The DHC-1 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.
- Cable ..... .4"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

- 150-1,000 ft cable
- Color cameras
- Very low light (.07lux) black & white camera
- Black & white or color monitors
- 12 vdc (inverter)
- 220 vac (Europe)
- PAL camera (Europe)
- Spares kit

0903 GW2000/PM4/DS