

# HEALTHWORLD INTERNATIONAL PHILS, CORP.



#### **DIGITAL VIDEO CAMERA 1-CCD**



## **MODE**

Q'750(I) 480 Lines

The camera is designed to be used in conjunction with endoscopes during minimally invasive surgery. The camera serves to transfer images from an endoscope to a medical-grade monitor. It features a modular design and can be ordered with different endofocus optical lens systems for different focal lengths. The camera is designed for positioning on the viewing end of an endoscope but can also be used in combination with a flexible endoscope.

The camera is with excellent image quality due to a digital image processing system, perfect color display, and easy of use. The camera head is connected with the camera control unit via an interchangeable cable. An interchangeable camera guarantees the easy and inexpensive reuse of the whole system in case of a defective cable. Additional optional modules are used to implement additional function alities to control other equipments as well as to control the camera from other devices of with a device control system.

Professional image quality
Natural color reproduction on-screen-menu

## Q'750(I)

- ■The Camera represents the center of our range of 1-CCD-cameras for endoscopic applications. Full digital signal processing guarantees true colour reproduction and outstanding image quality. A high sensitive, high resolution
- ■1/3" lens-on-chip CCD sensors ensures high clarity and sharp detailed images for every endoscopic application. It is easy and flexible to use.
- ■The Camera can be adjusted individually via integrated On-Screen-Menu.
- ■The Camera suitable for

Laparoscope,Arthroscope,Sinoscope,Hysteroscope,Vaporize Resectoscope etc.

# GAIN

Use in setting gain.Two/Three level for your choice in the operation room.

#### WHITE SET

Automatic white-set.Direct the camera towards a white sheet of paper and press WHIT SET key approx 2 seconds.DVL'750 can set the W/B on the CCD head.

Manufactured and ISO9001:2001 tested acc. ISO13485:2003

## 1CCD VIDEO CAMERA

Technical Data:	
CCD: 1/3" lens-on-chip CCD sensors	
Scanning are	4.9(H)*3.7(V)mm
Resolution	480 Lines
Adapter	18/20/25/28S
Video model	PAL (or NTSC available)
Video Output 1.0Vpp	2xVideo (BNC)
Safety standard	1EC601-1
Signal ratio	70 dB
Electron shutton	1/60s to 1/10000s
Min Sensitivity	1 LUX(F1.2)
Power Source	100 to 240 V available,
	50/60 Hz
Fuse	1*400Mat (250 VAC )
Power	30 W
Lay Temperature	-15℃ to +50 ℃
Operating Temperature	0°C to 45°C
Relative Temperature	0 to 90 %
Camera head dims	width 28.8mm
	length:68mm
Camera head weight	60g
Q'750(I)-Dims:250x180	x100mm, N.W.:1.5kg
G.W.:3.2kg	

# **Delivery contains**

Control unit & User manual
C-mount ring(18/28S)
CCD-camera head with cable

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