

# THE **3-Dmed** STANDARD TRAINER

Model #  
TRLCD03

Patent #6659776

Thank you for purchasing the **TRLCD03** Trainer from 3-Dmed. Each unit has been fully tested prior to shipment and is easy to setup and use...

## SETUP INSTRUCTIONS

### Size & Weight

Length: 17.5"

Width: 12.5"

Height: 7.5"

Weight: 15 lbs.

1. Lift the lid by the black knob to open.
2. The power cord is stored inside the Trainer. Remove the cord by unhooking the black Rip-Tie® strap. The cord can be secured back in the retainer for transportation or storage. Warning: Do not transport or ship the trainer without securing the cord tightly in the strap or damage to the screen could result!
3. Attach the cord at the back of the unit (next to the handle). Plug into a standard 110-120v AC outlet.
4. If the screen is not already illuminated, find the button in the lower right corner of the screen bezel labeled "power". Press the button for two seconds and release. The screen will come on in a few seconds. The red LED light indicates that there is power supplied to the monitor. To turn the monitor off: press the "power" button for one second and release.
5. To illuminate the work light use the black switch labeled "Ⓛ" that is located on the right side toward the back.
6. If monitor adjustments are needed press the button below the screen labeled "menu". To scroll through the different controls press the "menu" button (repeatedly) until the desired heading is displayed. To make adjustments to that function press (and hold) the "up" or "down" button to change its value. The "mode" setting should always be set to "AV-1".

NOTE: The monitor is a Liquid Crystal Display (LCD) and care must be exercised regarding the surface of the screen. To clean: use a soft cotton cloth lightly dampened with water, vinegar (diluted w/water) or isopropyl alcohol. Do not apply any cleaning solutions directly onto the screen. Never use cleaning products that contain abrasives or strong solvents. To prolong the life of the monitor and light turn them off when not in use.

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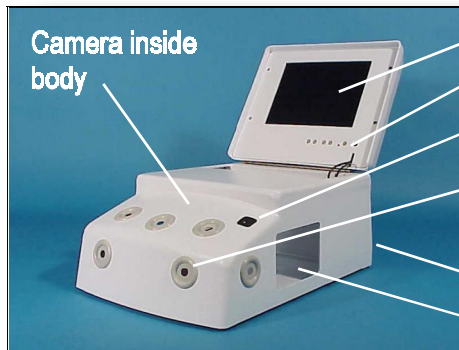
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**3-Dmed**®  
LEARNING THROUGH SIMULATION  
INNOVATOR AND MANUFACTURER SINCE 1970

# THE TRLCD03 STANDARD LAPAROSCOPIC TRAINER

## QUICK GUIDE



- LCD monitor
- On/off switch
- Work area light switch
- Ports for trocars and or instruments
- Power cord inserts in rear
- Access to work area



Your instruments can be inserted into any of the seven ports. They can be used with or without trocars.

The standard grommet has is sized for a 10mm trocar. Grommets with 5mm holes are also available. Both sizes are interchangeable and easily exchanged for any combination.

The trainer has a generous, well lit work area. It will accommodate either artificial anatomical structures or animal tissue. Consider using an absorbent pad under animal tissue or where moisture is present.

### Monitor Display Settings:

To make adjustments see the "Setup Instructions".

Brightness - adjusts the light level on the screen.

Contrast - it increases/decreases the separation between light and dark (example: create more shadows).

Color - controls the level of the color (ranging from grey tones to intense yellow)

Tint - controls the color balance (from green to magenta).

### Camera Positioning and focus:

The camera is mounted inside the body with Velcro® strips. This allows for some adjustment. Extra strips can be added to relocate the camera more to the right for an offset camera view. The focus can be adjusted by loosening the lens set screw on the side of the camera body with a .050" hex wrench. Twist lens left or right. Re-tighten set screw. For more information visit the F.A.Q. Page on our web site: [www.3-Dmed.com](http://www.3-Dmed.com).

### Using Alternate Displays:

The camera image can be displayed on any monitor that has an RCA video input. Simply remove the black RCA elbow from the gold RCA receptacle on the screen bezel and attach an RCA female/male extension cord (not supplied) between the black elbow and the alternate monitor. This works great for lectures or demonstrations.

### Recording:

Activity can be recorded digitally by connecting the 3-Dmed SSVI07 Video Interface between the trainer and a digital storage device (computer/network). Analog recording can be done as well. Additionally, the SSVI07 can split the input signal providing outputs for up to four monitors. For more information please visit our web site.

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