



## System Start-Up

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### *USER MANUAL*

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## HOW TO USE THIS MANUAL

This manual was designed and created for quick and easy navigation when viewed electronically. First, read the introductory table of contents. The table of contents is designed so as to group related topics together in one section of the manual. Forms are cross-referenced and a copy of the form is in the appendix to each manual where applicable.

For quick navigation, locate the **TABLE OF CONTENTS** page. Simply click on the topic of interest and the manual will direct the user to that page, eliminating the need for scrolling.

To return to the Table of Contents page, click on the **TABLE OF CONTENTS** words located on the upper right corner of every page following the TOC page.

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## I. TURNING ON THE SYSTEM

**ON** -1 Switch – Black toggle on master computer (Big Black box) (Wait for system and screen to load – may take a few mins)

**OFF** - Turn off on system POWER – Shutdown System on monitor in VOS®

## II. LOGGING IN


Double click the VOS icon



Login – CSCSCC

Password –drowssap

## III. SET-UP

- Click Wi-Fi  signal – located on the left side of the screen. Click '**Connect**' in the accessory controller (Only needs to be when starting the system)
- When the magazine wakes up – you will see the green light flash in the accessory controller. Click '**Discovery**' to see what weapons are connected.

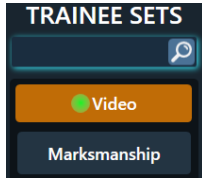


*Note: If you are connecting an accessory for the first time, you will need to click **Discovery** after you click **Connect** on the accessory controller panel for it to find the new device. Once a new device has been discovered, click End Discovery*

- Once the accessory is connected, it will appear in the Accessory Controller Panel. Within the Accessory Controller, all connected accessories used by trainees can be controlled. Once Accessories have been connected, they can be assigned within the Trainee Set setup.

## A. ASSIGNING TRAINEES

Click on the **Home** button and open the Trainee page by clicking on the “**Trainee Set**” icon. Select the Trainee Set that will be used. (Trainee sets will be named along the left side)



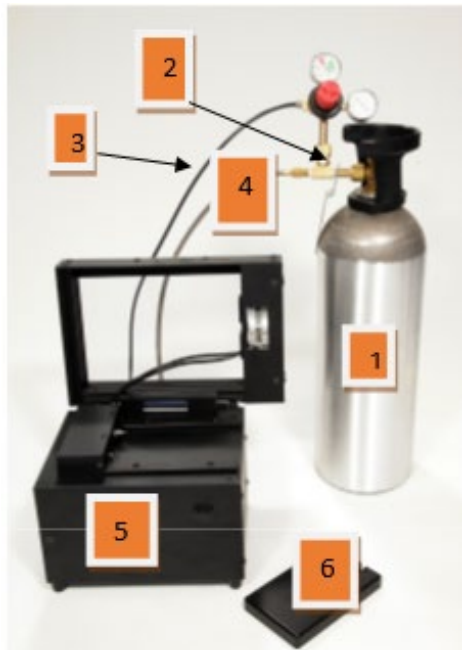
- Skills Drills
- Marksmanship Qualification (5 rounds per magazine)
- Marksmanship Practice (20 rounds per magazine)

- For Video-based scenarios, the number of trainees should generally have 1 or 2 trainees in the simulator. For Marksmanship, one trainee per lane is required and Laser IDs do not have to be unique.

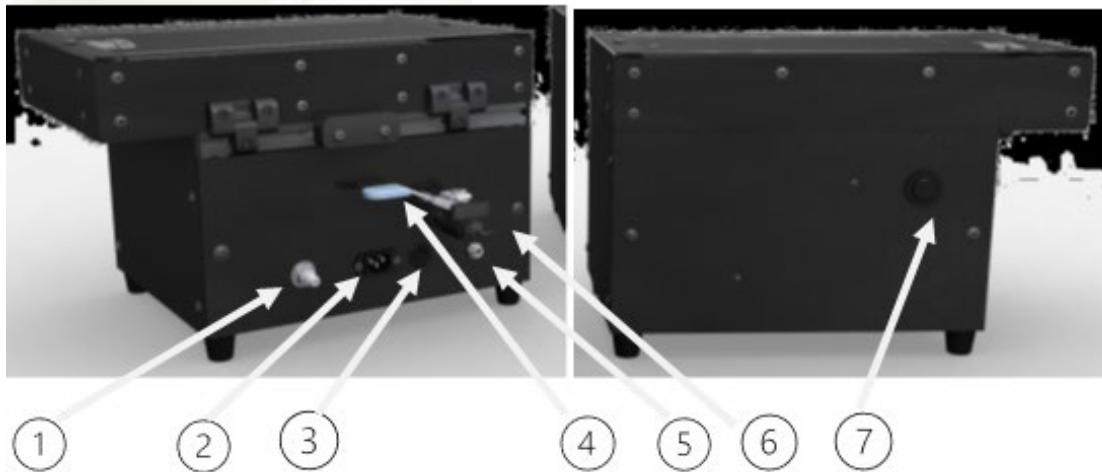
## IV. RUN SIMULATIONS

- Once trainees, weapons and accessories have been setup, click on the **Simulations** button from the home menu.
- Click on CSC-SCC tab on the left-hand side.
- Select course of fire/free shoot/scenarios/qualification.
- Click **Run Simulation** on the bottom right. The Simulation will begin loading, then click **Launch Scenario**.
- Once the *scenario* has launched, the instructor will be able to guide the scenario as he/she sees fit. As the scenario progresses, there are branching options at certain times that the instructor can activate. The number of branches varies by scenario.
- *Marksmanship* – find the desired range and click run simulation on the bottom right. Range will load - then click **Launch Scenario**.

V. REFILL STATION



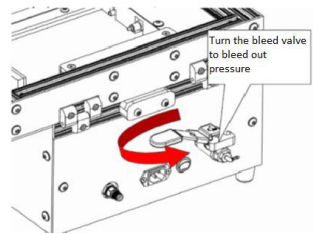
- 1 – CO2 Cylinder
- 2 – Regulator
- 3 – Low Pressure Hose
- 4 – High Pressure Hose
- 5 – Refill Station
- 6 – Adapter Plate



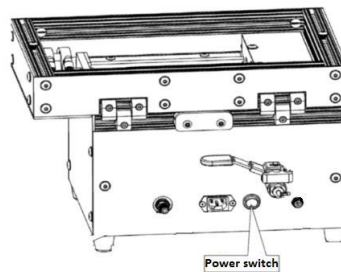
- 1 – High Pressure Input Line
- 2 – Female Power Receptacle
- 3 – Power Switch
- 4 – High Pressure Relief Valve
- 5 – Low Pressure Input Line
- 6 – Right Angle Fitting
- 7 – Power Button (“ON” button – push)

## A. REFILL STATION START-UP

1. Open the CO2 tank all the way to pressurize the refill station.  
(Low pressure should read between 55-60 PSI and the high pressure should read between 900-1000 PSI.)
2. Once the machine is pressurized, bleed some pressure using the bleed valve (blue handle on back of refill station) for approximately 1 second until liquid CO2 begins to spray out.



3. Turn on power (push button on back of refill station).



## B. CHARGING MAGAZINES

1. Slide adapter plate into place (C8 or 9mm Magazine plate)
2. Position adapter plate to activate green (Slide in)
3. Slide out – add magazine
4. Press adapter plate in until light turns green
5. Shut lid – press button to charge
6. Turns green/blue – finished charging

## C. SHUT DOWN

1. Turn the CO2 tank completely off
2. Use the bleed valve (blue handle on the back of the refill station) to bleed out all pressure. Close the bleed valve when finished
3. Turn off the power switch


**D. REMOVING THE CO2 TANK**


1. Turn off the CO2
2. Bleed the line – blue handle on the back of charging machine
3. Use wrench on tank to remove
4. Add on new tank
5. Turn on
6. Bleed the line until you see liquid


**VI. ACCESSORY AND LANES**


Each accessory is programmed to specific lanes. Identify corresponding lane and accessory (color coded) when issuing accessories.


4 participants at a time. 8 participants per room.


Lane 1: Green 


Lane 2: White 


Lane 3: Pink 

Lane 4: Yellow 

Lane 1: Double Green 

Lane 2: Double White 

Lane 3: Double Pink 

Lane 4: Double Yellow 



## VII. CONTACT VIRTRA

For any questions related to this manual, help with troubleshooting, or the location for sending any items in need of repair, please see the information below.

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