M300WS-Console-OT driving simulation system

STISIM Drive® is a fully interactive virtual reality driving simulator engineered to take advantage of cutting edge computer technology. Results from more than four decades of independently validated driving simulation research are incorporated into STISIM Drive® software and systems. More than 500 universities, government agencies, medical facilities, training centers, and corporations have used STISIM Drive® to conduct research, perform patient assessment and treatment, and provide driver training.

M300WS-Console-OT System Description:

The STISIM Drive® M300WS-Console-OT system is an interactive driving simulator, specifically designed for Occupational Therapy Rehabilitation applications, powered by the programmable STISIM Drive® software engine. Integrated into an advanced evaluation friendly console environment, the M300WS-Console-OT system includes three driving displays that enable a 135^0 driver field-of-view, and an advanced full size steering wheel with dynamics based feedback and foot pedals that provide a more realistic driving experience. The M300WS-Console-OT system is engineered to deliver superior simulation performance at a cost effective price.

Features:

-Over seventy-five custom scenarios

-Patient Database

-High speed graphics and sound processing

-Advanced software engineering, system requires only one computer while delivering optimal video and operational performance

-ADS Advanced Digital Steering controller

-Unit separates to accommodate wheelchair access

-Adjustable tilt steering column

-Hand controls compatible

-Durable powder coat steel frame

-Wireless communication with operator station

-Operator station with keyboard shelves

-Printer included

-Transmission options

-Rolls through standard 32" door

-Locking rollers

-27" monitors standard

-Detailed help files, documentation, user resources

-Scenario playback

Benefits:

-Scenarios engineered to facilitate assessment

-Allows the therapist to easily track and review the progress that a patient is making including replaying and reviewing data from previous drives

-Immediate display of scenario data and patient history

-Realistic roadway environments

-Ready to drive, test, and evaluate

-Cue scenario events dynamically

-Ease of operation and maintenance

-Visual replay of previous sessions

-Eco friendly

-Actual GM steering unit

-dynamic force feedback

-precision torque motor

-adjustable position

-full size wheel

-operational turn signals

Ease of separation, no special access ramp required

-Will provide years of productive use

-No wires to navigate when unit is separated

-Supports both automatic and manual transmissions

-Easy portability and delivery

-Help is immediately available and at your finger tips

-Review current or previous drives

The M300WS-Console-OT comes with these specific features designed for Occupational Therapy Assessment and Rehabilitation applications:

- • Custom scenarios specifically designed for OT assessment and evaluation
- • Custom OT specific interface that allows the end user to quickly launch specific driving simulations with a few simple mouse clicks
- • Customized reports that present metrics and data that are specific to the simulation just completed
- • Database features that allow the client to easily track and review the progress that a patient is making including replaying and reviewing data from previous drives
- • Ergonomically efficient console design with integrated operator station
- • On-site installation and training

The STISIM Drive® M300WS-Console-OT system comes with over seventy ready to run driving scenarios that provide diverse driving situations, customizable roadway environments, and an extensive library of roadway objects. All STISIM Drive® systems come with an extensive user base supported by hundreds of peer reviewed publications. In addition, The STISIM Drive® M300WS-Console-OT system will enable the end user to eliminate the risks of on-road driving, safely evaluate high risk drivers, and achieve objective, accurate and repeatable performance measurements in a cost effective environment.

Performance measures:

Accident Counts:	Vehicle, pedestrian, obstacles, off-road
Brake and Accelerator:	Speeding behavior, reaction time, time to collision, tailgating
Steering and Handling:	Lane position and deviation, centerline and edge crossings
Driver Compliance/Attention:	Signal lights, signs, turning, divided attention

System Components:

Computer:	Dell^{TM} desktop workstation with high performance nVIDIA graphics card
Driver Display:	Minimum 27" LCD (3 units) for 135^0 field of view
Operator Display:	Minimum 20" LCD (1 unit) shows real time summary of driving data
Steering Wheel:	STISIM Drive® ADS Advanced Digital Steering controller
Gas and Brake Pedals:	STISIM Drive® pedals
Electronic documentation:	Included
Warranty:	1 Year
Tech Support:	Included
Operating System:	Microsoft Windows®
Head and Eye Tracking:	Compatible synchronization with popular eye tracking systems

M300WS-Console OT with optional hand controls attached

For more information visit us at www.stisimdrive.com , or call us at 310-679-2281.