



# M4000-OT Driving Simulation System

With an ergonomic design, advanced digital steering, advanced pedal system, 135-degree driver field of view, self-contained chassis, and powered by the world renowned STISIM Drive® software, welcome to our most advanced driving simulator yet. 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 800 universities, government agencies, medical facilities, training centers, and corporations on six continents have used STISIM Drive® to conduct research, perform patient assessment and treatment, and provide driver training.



## M4000-OT System Description:

The STISIM Drive® M4000-OT is an interactive driving simulator powered by the STISIM Drive® software engine. Integrated into an advanced console environment. All M4000-OT systems include three driving displays that enable a 135-degree driver field-of-view, STISIM Drive's® Advanced Digital Steering controller based on an actual automotive production steering controller, and foot pedals with correct vehicle pivot points that provide a realistic driving experience. The M4000-OT is engineered to deliver superior simulation performance at a cost-effective price.

The STISIM Drive® M4000-OT system comes with more than ninety diverse and ready to drive scenarios that provide assorted driving situations and roadway environments that use an extensive library of roadway objects; all in an easy to use interface. All STISIM Drive® systems come with an extensive client base supported by more than 1200 peer reviewed publications. In addition, the M4000-OT system will enable the client 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.

## Features and Benefits:

Ecologically valid task

Eliminate all the risks associated with on the road driving

Measure reaction times, psychomotor functioning, visual perception, divided attention, executive functioning, and more

More than 90 driving scenarios and environments specifically design for therapy applications

Custom therapist specific user interface that allows drives to be quickly launched

Customized reports that display driver performance metrics for the completed drive

Database features that allow the client to easily track and review a patient's progress

Visual replay of previous drives

Multiple vehicle options to choose from

Multiple visibility options to choose from

Choose from easy, moderate, or difficult drives

Advanced Digital Steering Controller:

- Realistic force feedback and steering behavior

- 900 degrees of steering rotation

- Full size OEM steering wheel

- Operational turn signals and wind shield wiper arms

- Adjustable column position (tilt and telescope functionality)

Console features:

- Advanced pedal set with realistic feel and operation

- 135-degree driver field of view

- Built in monitor mounts

- Durable powder coat steel frame

- Durable diamond plate base

- Easy portability and delivery

- Rolls through 32" wide door frames

- Locking casters for stability

- Operator station with keyboard/mouse shelf

- Adjustable seat and functional seatbelt

- Seat separates to allow wheelchair access

- Optional left foot accelerator

- Optional hand controls

Automatic and manual transmission options

International signage

Left and right side driving, English or Metric units

Detailed help files, documentation, and client resources

Ease of operation and maintenance

Eco friendly



## Sample 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:	Desktop workstation with high performance NVIDIA graphics card
Operating System:	Microsoft Windows®
Driver Display:	27-inch LCD (3 units)
Operator Display:	24-inch LCD
Steering Wheel:	STISIM Drive® ADS Advanced Digital Steering controller
Pedals:	STISIM Drive® advanced pedals
Chassis:	STISIM Drive Gen 5 console
Power:	120/220 volt compatible
Hardware License Key:	Included
Space Requirements:	10 feet wide by 12 feet deep
Electronic Documentation:	Included
Tech Support:	First year included
Shipping and Handling:	Included within the Continental United States, additional charges may apply for other areas
Installation and Training:	Included within the Continental United States, additional charges may apply for other areas
Warranty:	1 Year
Optional Equipment:	Transfer module, Electric seat, Manual transmission, Left foot accelerator
Optional Hand Controls	Sure Grip removable push rock controls ( <a href="https://www.suregrip-handcontrols.com/t-pushrock">https://www.suregrip-handcontrols.com/t-pushrock</a> )





Visit us at [www.stisimdrive.com](http://www.stisimdrive.com) , or call us at 310-679-2281.

