



ANGRUP

DEFENCE AND SIMULATION

XV-CH02 (CUSTOM) SERIES
AUTOMOBILE DRIVER TRAINING
SIMULATOR



XV-CH02 (CUSTOM) SERIES

XV-CH02 series simulation systems are especially adaptable series according to your needs. We produce the training simulator of your chosen vehicle for you. We make pre-production projecting, engineering studies, technical drawings and prototyping in accordance with the intended use.

Specifications	Details
Hardware	Custom (choose your vehicle brand / model)
Software	Professional
Visual System	Custom Size (LED Screen)
Steering System	Force Feedback with Electric Servo Engine (1.5Kwa)
Pedal System	Hydraulic Brake System* Clutch Plate System* Mechanic Transmission Lock
Camera System	720p Camera System
Sound System	Integrated 5+1 Surround System + Bluetooth Headset
Driver Seat	Adjustable Driver Seat
Instrument Cluster	12.3'' 1920x720 TFT LCD
Motion Platform	3 DOF Motion System
Transmission	Manuel or Automatic
Instructor Station	Custom
Body	Custom Laser cut - Electrostatic Painted Chassis
Right Hand	Not Available
Electric Consumption & Dimensions	It will be determined according to the device to be produced.



XV-CH02 (CUSTOM) SERIES

FEATURES & APPLICATIONS

SUITABLE FOR PROFESSIONAL DRIVERS

3xLED SCREEN (CUSTOM SIZE)

VEHICLE MODEL YOU WANT

HIGH REALISM

CUSTOM INSTRUCTOR STATION

LED INSTRUMENT CLUSTER

MECHANIC LOCKED GEARBOX



SOFTWARE

EDUCATION SCENARIOS

WEATHER SIMULATION

DAY / TIME SIMULATION

MULTI-LANGUAGE SUPPORT

THEORETICAL TEST SYSTEM

REPORTING & ANALYSIS SYSTEM

INTERACTIVE VIDEO AND TEST SYSTEM

XV-CH02 (CUSTOM) SERIES

XV-CH02 SERIES		
SPECIFICATION OF DRIVING SIMULATOR		
MAJOR COMPONENTS	SUB COMPONENTS	DESCRIPTION
1. MAIN COMPONENTS OF THE CABIN	BODY	Powder painted metal chassis
		Actual Vehicle Cockpit
		Lockable wheel: 800 kg capacity
	CAR PARTS	LED Instrument Cluster
		Steering wheel and steering wheel plastic cover
		Left-hand drive setup
		Turn signal lever & light switch (real car component)
		Wiper lever
		Hazard stop button
		Ignition switch
		Manual/Automatic Shift lever (5 forward / 1 reverse)
		Handbrake
		Driver Seat & Seatbelt, • Seat's distance & angle can be adjustable.
	PEDALS & SHIFTER	Steering Wheel Covers
		Steering Wheel Clock Spring
		Acceleration pedal
Brake pedal		
Clutch pedal with mechanical gearbox lock • Driver cannot shift gear without press clutch pedal		
Manual / Auto shift mechanical parts		
potentiometer Sensor for pedals		



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MAJOR COMPONENTS	SUB COMPONENTS	DESCRIPTION
1. MAIN COMPONENTS OF THE CABIN	CONTROL PANEL	<ul style="list-style-type: none"> • USB Plug • On/Off Switch • Ethernet Socket • Power Button • Emergency Stop Button
	VISUAL SYSTEM	VISUAL SYSTEM OPTIONS <ul style="list-style-type: none"> • 3x43'' • 3x49'' • 3x58'' • 3x70'' • 3x75''
		INSTRUCTOR STATION OPTIONS <ul style="list-style-type: none"> • Side Mount • XV-RMT01 • XV-RMT02 • Table PC
		Half Closed Laser Cut Visual System Enclosure
	CAMERA SYSTEM	1 web camera for verification of participants
	SIMULATOR PC	CPU: Intel i7 3.5GHz
		RAM: 32GB
		Graphics Card: NVIDIA Chipset 11GB RAM
HDD: 120Gb SSD		
OS: Windows 10		
POWER	Power: 1000W 80+	
2. STEERING SYSTEM	STEERING	AC 220V, 50-60Hz
		Force Feedback with Electric Servo Engine (1.5Kwa)
		Auto calibration
		1.5 cycle left / 1.5 cycle right
		Airbag unit
		Steering wheel clock spring
Horn control over steering wheel		





ANGRUP CORP.

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