

MILITARY SERIES

RCM-C420

RECONFIGURABLE COCKPIT MODULE

3DOF

SET ARCHITECTURE

200kg

PAYLOAD

75mm







ACTUATOR STROKE



MOTION SYSTEM RCM-C420

RCM-C420 (Reconfigurable Cockpit Module) is a modular and flexibly configurable training product dedicated for special applications. RCM is a part of the military equipment of the MIL Motion Systems series. By using a number of expansion accessories, including manipulators and dedicated peripherals, it is possible to quickly build function positions for ground, sea and aircraft systems operators. RCM design is based on RVCT requirements (Reconfigurable Virtual Collective Trainer) developed and described by US Military. The product is fully equipped and offers of number simulation software including Virtual Battlespace VBS3, VBS4. Product offers flexibility, encouraging the user to adopt its training hardware according to its fast changing needs.

KEY FEATURES

 <p>Modular and reconfigurable</p> <p>Quickly integration with external manipulators and accessories</p>	 <p>Plug&Play</p> <p>Ready to work in just minutes</p>	 <p>Software support</p> <p>Delivered with software management package and plugins. Simulation software support</p>
 <p>Compact design</p> <p>Small footprint and lightweight body</p>	 <p>VR technology</p> <p>Full and native hardware and software integration with the VR headset</p>	 <p>Wide range of motion</p> <p>Linear high precision actuators with slide up to 100 mm</p>

GENERAL SPECIFICATION **RCM-C420**

SYSTEM PERFORMANCE

HEAVE	75 mm 2.95 in
PITCH	-5.0°, 5.0°
ROLL	-7.0°, 7.0°
VIBRATION FREQUENCY RANGE	0-100 Hz
MAXIMUM CONTROL FREQUENCY	1000 Hz

PAYLOAD SPECIFICATION

PAYLOAD	200 kg
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MAIN DIMENSIONS

TOTAL WIDTH	710 mm
TOTAL HEIGHT	790 mm
TOTAL LENGTH	1600 mm

POWER REQUIREMENTS

POWER SUPPLY SYSTEM	120 / 230 VAC Single Phase
AVERAGE POWER CONSUMPTION [W]	462W / 436 W
PEAK CURRENT FOR BREAKER SPECIFICATION [A]	9.89A / 5.88A

SUPPORTED TECHNOLOGIES

VR HeadWay, VBS3/4 Plugin, Self Diagnostic, Self Calibration

OUR SOFTWARE

Platform Manager - ForceSeatPM (license)

SYSTEM CONFIGURATION EXAMPLE



COMMANDER



GUNNER



DRIVER