

Equipment Guide

Our PhysioMimix® OOC Systems are designed to enhance your workflow, not complicate it!

The PhysioMimix® OOC range of compact, benchtop systems are designed for seamless integration into a standard laboratory setup. This equipment guide describes all you need to get started.

Our user-friendly approach streamlines the Organ-on-a-chip (OOC) culture process. With expert guidance from our dedicated team every step of the way, we guarantee rapid adoption so that you benefit from high-quality, physiologically relevant data faster.

Supplied by CN Bio

EQUIPMENT

PhysioMimix Single- or Multi-organ System
PhysioMimix Single- or Multi-organ MPS driver
PhysioMimix Multi-chip consumable plate
Retaining ring removal tool
Forceps

Not supplied by CN Bio

EQUIPMENT	CONSUMABLES
Biosafety cabinet (Class II)	T25 flasks
Incubator (37°C + 5% CO ₂) with a side port	T75 flasks / collagen-coated T75 flasks
Laboratory refrigerator (4°C)	Sterile bottles (500 mL)
Laboratory freezer (-20°C)	Falcon tubes (50 ml , 15 mL)
Micropipettes (10.0 mL, 1000 µL, 100 µL, 10 µL, 1 µL)	96-well plates
Microchannel pipette, 6 channels	24-well plates
Serological pipettes	Eppendorf tubes
Temperature-controlled centrifuge (Eppendorf® tubes and Falcon tubes, 15 & 50 mL)	Filtered, sterile pipette tips (Including 200 µL wide orifice/bore tips)
Temperature-controlled water bath	Transwell®, with 0.4 µM Pore Polyester Membrane c (Corning – 3470)
Brightfield/ light microscope	Liquid nitrogen (and handling equipment)
Cryovials	Dry ice (and handling equipment)
Haemocytometer	Biohazard disposal bags / bins / provider
Timer	
Vortex mixer	