

Isolated Organ and Tissue

HSE-Harvard Isolated Heart Size 9 for Small Pigs

Catalog No.	Product	Catalog No.	Product
Apparatus for Isolated Heart Size 9 (Up to Small Pigs) to work on Retrograde Perfusion under Constant Pressure or Constant Flow Condition using Blood or Erythrocytes Containing Suspension (Langendorff Preparation):		Measurement of Single Monophasic Action Potential:	
Basic Equipment:		CGS 8357.73	MAP-TIP Electrode Z54003
CGS 8335.73	Basic Unit for Isolated Heart Size 9	CGS 8358.73	Holder With Ball Joints for MAP Electrode
		CGS 8359.73	Connection Cable of MAP-TIP Electrode to BPA
		CGS 8360.73	BPA PLUGSYS Biopotential Amplifier Module
		Measurement of O₂ Consumption, Determination of PO₂, PCO₂ and pH in Coronary Effluent:	
CGS 8336.73	Roller Pump MCP-SB2, 2 Channels, Each 2-1100 ml/min	CGS 8361.73	Ball Joints and Cannulating System for Pulmonary Artery
CGS 8337.73	Thermostatic Circulator E 103, Bath Volume 3 L	CGS 8362.73	Roller Pump, 4 Channels
Measurement System:		CGS 8363.73	Mounting Plate for Shielding Cases for PQ pH, PCO ₂ Electrodes
CGS 8338.30	PLUGSYS Basic System Case	Measurement of PO₂:	
		CGS 8364.73	PQ Electrode Zabs-Dsk No.1 With Reference Electrolyte
		CGS 8365.73	Shielding Case for PQ or PCO ₂ Zabs Electrodes
		CGS 8366.73	OPPM PLUGSYS Oxygen Partial Pressure Module
Option:		Measurement of PCO₂:	
CGS 8338.73	PLUGSYS Basic System Case	CGS 8367.73	PCO ₂ Electrode Zabs No. 1 with Reference Electrolyte and Cable
CGS 8339.73	BLM PLUGSYS Bus Link Module	CGS 8368.73	Shielding Case for PQ or PCO ₂ Zabs Electrodes
Measurement of Perfusion Pressure:		CGS 8369.73	EMM PLUGSYS Electrometer Module
CGS 8340.73	ISOTEC Pressure Transducer, Range -50 to 300 mmHg	Measurement of pH:	
CGS 8341.73	Three-Way Stopcock	CGS 8370.73	pH Electrode Zabs-Tss No. 1 with Reference System Zabs-ZI Nr.1.2.
CGS 8342.73	One-Way Stopcock	CGS 8371.73	Shielding Case for pH, K ⁺ , Ca ⁺⁺ , Na ⁺ , Cl ⁻ , NO ₃ ⁻ Or NH ₄ ⁺ Zabs Electrodes
CGS 8343.73	TAM-A PLUGSYS Transducer Amplifier Module	CGS 8372.73	PHMM PLUGSYS pH Measurement Module
Measurement of Isovolumetric Left Ventricular Pressure LVP (Contractile Force/Balloon Method):		Measurement of Endocardial Dimensions:	
CGS 8344.73	ISOTEC Pressure Transducer, Range -50 to 300 mmHg	CGS 8373.73	Chassis System 6
CGS 8345.73	Holder for Isotec for LVP Measurement	To Connect System 6 Chassis to PLUGSYS:	
CGS 8346.73	Three-Way Stopcock	CGS 8374.73	EIM PLUGSYS External Input Module
CGS 8347.73	Balloon Kit for Small Pig Hearts	For Each Endocardial Dimension:	
CGS 8348.73	TAM-A PLUGSYS Transducer Amplifier Module	CGS 8375.73	Crystal Type SI 5-2 (Pair)
Measurement of Coronary Flow in Langendorff Mode		CGS 8376.73	Sonomicrometer Module
CGS 8349.73	Flow Probe Type 8A for Flowmeter T106 or T206, ID 8 mm	Stimulator for Constant Heart Rate:	
CGS 8350.73	Adapter for Flow Probe 8A on Aorta Link Unit Size	CGS 8377.73	Coaxial Stimulation Electrode
If Coronary Flow is measured using Pulmonary Artery Cannulation, Holder for mounting Flow Probe on Aorta Link Unit is replaced by:		CGS 8378.73	Holder with Ball Joints for Stimulation Electrode
CGS 8351.73	Coronary Flow Kit for Small Pig Hearts	CGS 8379.73	Stimulator P
CGS 8352.73	Flow Probe Type 6N for T106, T206 and HSE-TTFM, Cannulated, 1/4 in.	Alternative to CGS 8379.30	
Measurement of Single Lead Electrogram EG:		If ISOHEART Computer Control and Data Acquisition Software is installed, PLUGSYS PSM Module can be used for stimulation:	
CGS 8353.73	Set (2) Suction ECG (EG) Electrodes	CGS 8380.73	PSM PLUGSYS Programmable Stimulator Module
CGS 8354.73	Water Jet Suction Pump		
CGS 8355.73	Water Flow Regulator (2 L/Min)		
CGS 8356.73	ECGA PLUGSYS ECG Amplifier Module		