

Isolated Organ and Tissue

HSE-Harvard Isolated Heart Size 9 for Small Pigs

Catalog No.	Product	Catalog No.	Product
Data Acquisition and Evaluation of Complete System by Process Controller:		Measurement of Cardiac Output (Flow into Left Atrium) to Calculate Coronary Flow as Difference from Cardiac Output and Aortic Flow:	
CGS 8381.73	HSE-Harvard Data Acquisition Hardware, PLUGSYS Version for WIN 95/98/NT	Descontinuado CGS 8403.73	Flow Probe Type 8A for Flowmeter T106 or T206, 8 mm ID
CGS 8382.73	HSE-Harvard ISOHEART Software for Isolated Heart for WIN 95/98/NT	CGS 8404.30	Adapter for Flow probe 8A for Atrial Flow Measurement
Option: For Controlling PSM Via Software:		Descontinuado CGS 8523.73	TTFM Transit Time Flowmeter Module
CGS 8383.73	DIM-D PLUGSYS Digital Bus Link for DIM Module	For Coronary Flow Measurement:	
Descontinuado CGS 8384.73	Software Module for PSM Control for WIN 95/98/NT	In Working Heart System, Pulmonary Artery must be cannulated for measuring Coronary Flow. Special Holder and Adapted Cannulating Kit needed. Flow probe and flowmeter are same as used in Langendorff Mode.	
Recording System:		CGS 8197.73	Coronary Flow Kit for Small Pig Hearts
CGS 8385.73	ROM-A+C PLUGSYS Recording Output Standard Set	Accessories:	
CGS 8386.73	HSE-Harvard Oscillographic Thermo Recorder MARK VII-C6	CGS 8200.73	Mesotron Stopwatch
CGS 8387.73	Option on MARK VII and MARK VII-C for 10:1 Chart Speed Reduction	CGS 8201.73	Socket Strip with 8 Outlets
PLUGSYS Module Required for Recording dLVP/dt:		Descontinuado CGS 8408.73	Electrical Pressure Calibrator KAL 84 H, Range 0 to 199.9 mmHg
CGS 8388.73	DIF PLUGSYS Differentiator Module	Replacement and Spare Parts:	
PLUGSYS Module Required for Recording Heart Rate:		CGS 8409.73	Aortic Cannula
CGS 8389.73	HRM PLUGSYS Heart rate Module with ECG Amplifier	CGS 8410.73	Latex Balloon Size 16 (3 ml)
Apparatus for Isolated Heart Size 9 (Up to Small Pigs) to Work on Working Heart System (According to Neely):		CGS 8411.73	Latex Balloon Size 17 (3.5 ml)
Same Apparatus as for Retrograde Perfusion with Following Additions:		CGS 8412.73	Latex Balloon Size 18 (4.1 ml)
CGS 8390.73	Working Heart Option to Basic Unit Size 9	CGS 8413.73	Latex Balloon Size 19 (4.7 ml)
CGS 8391.73	Roller Pump MCP-380AD, 1 Channel, 0.8 to 3660 ml/min	CGS 8414.73	Latex Balloon Size 24 (9.6 ml)
Note: This option can only be used together with Basic Setup as for Retrograde Perfusion Under Constant Pressure.		CGS 8415.73	Latex Balloon Size 30 (19 ml)
Measurement of Aortic/Afterload Pressure:		CGS 8416.73	Stainless Steel Catheter 1464 LL3
Pressure transducer for Perfusion Pressure in Retrograde Perfusion System measures aortic pressure in Working Heart System; no additional transducer necessary.		Descontinuado CGS 8417.73	Stainless Steel Catheter 1464 LL3F
Measurement of Preload Pressure:		CGS 8418.73	Spindle Syringe, 2 ml
Descontinuado CGS 8392.73	Pressure Transducer P75, Range -75 to +75 mmHg	Descontinuado CGS 8419.73	Disposable Transducer Head for ISOTEC (0.02 kg)
Descontinuado CGS 8393.73	Three-Way Stopcock	For Cardioplegia Studies:	
Descontinuado CGS 8394.73	One-Way Stopcock	CGS 8420.73	Additional Perfusion Circuit to Basic Unit Isolated Heart Size 9 Type 842
CGS 8395.73	TAM-A PLUGSYS Transducer Amplifier Module	CGS 8421.73	Low-Temperature Thermostatic Circulator RE 207, 6 L Bath Volume
Measurement of Left Ventricular Pressure LVP:		CGS 8422.73	Cover for Heart Chamber to Receive Cardioplegia Cooling Chamber
CGS 8396.73	Milar Tip Catheter SPC 360 6 F, Cat. No. 800-5019, for Dogs	CGS 8423.73	Cardioplegia Cooling Chamber
CGS 8397.73	Adapter Cannula for Inserting SPC 350 into Left Ventricle via Aortic Cannula	Alternatively to CGS 8423.30:	
CGS 8398.73	Control Unit Model TC-510	CGS 8424.73	Glass Baker, Not Temperature-Controlled
CGS 8399.73	TAM-A PLUGSYS Transducer Amplifier Module		
Measurement of Aortic Flow (ONLY Necessary if in Langendorff Mode and No Flow Probe Used):			
CGS 8400.73	Flow Probe Type 8A for Flowmeter T106 or T206, 8 mm ID		
Descontinuado CGS 8401.73	Adapter for Flow Probe 8A on Aorta Link Unit Size 9		
Descontinuado CGS 8402.73	TTFM Transit Time Flowmeter Module		