

# Radnoti

Radnoti Simple Myocyte System:  
#120108

For researchers requiring a simple, easy to use and inexpensive isolated heart system for Langendorff experiments or myocyte isolation. The system may be configured for a gravity-fed constant pressure mode, or for constant flow, the later with a user supplied peristaltic pump. The system comes complete with a two bar lab stand and stabilizer bar, water jacketed buffer reservoir and a heating coil with a built in bubble trap. In the constant flow mode, a user supplied peristaltic pump draws buffer from the reservoir, passes it through the heating coil, where the bubble trap removes unwanted air bubbles and then passes down to the aortic cannula (one 2.4mm glass cannula, and one stainless steel cannula with luer locking hub are provided). A 100ml water jacketed open top chamber serves to collect the effluent and provide some warming for the exposed heart. For myocyte isolations, solutions may be recirculated via a user provided peristaltic pump. Ideal for student experiments or basic myocyte isolation requirements in the research lab.



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