

Radnoti

Radnoti Atrial and Aortic Cannulas:



Designed for easy insertion into the cap of the heart chamber, these cannulae have a female Luer connection formed on a 4mm O.D. glass tube. The cannulae taper down to outside diameters of 1.4mm to 3.0mm. The ends are slightly flared and etched to provide a no slip connection to the aorta without damaging the vessel wall. The design permits the cannula to be rotated or adjusted easily during mounting of the organ and then secured by tightening the enclosure surrounding the cannula.

These cannula are suitable for most rat, rabbit, and guinea pig cardiac preparations. 120153-ST is the standard size. 120153-LT is a long, gradual taper which is also available. In addition, Radnoti Glass Technology will provide custom sizes or single size sets upon request. Constructed of borosilicate glass.

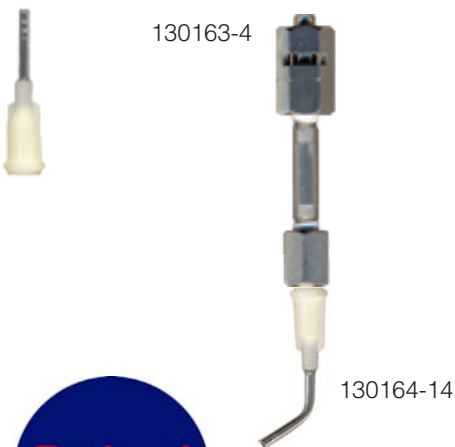


** For pressurized systems, such as the heart, a long narrow cannula will offer more resistance than a short cannula pulled down from a larger tube. Other considerations are the ease of mounting and tying the organ or vessel, which is reflected in whether the experimenter prefers a lip or ridge on the cannula as opposed to an etched surface. A longer cannula may be easier to position than a shorter cannula. Normally small diameter cannulae are more fragile and must be considered expendable. In many cases stainless steel or plastics such as polyethylene or teflon can be used to reduce cannula breakage in these situations. See chart on next page.

Mouse Heart Cannula Replacement Parts and Options

To accommodate the mouse heart, the chamber's cannulae are 20 - 22 gauge stainless steel press fit mounted in a removable female luer to threaded hub assembly. The cannula vertical position is adjusted by threading or unthreading the hub assembly into the lid. The horizontal position of the atrial cannula can be nominally adjusted in the same manner. Two additional female luer access ports are provided in the lid for insertion of instrumentation such as balloon catheters, electrodes, fiber optic cables, etc.

Catalog #	Description	Qty.
130164-22	Atrial Mouse Cannula 22 guage	1
130163-22	Aortic Mouse Cannula 22 guage	1
130164-20	Atrial Mouse Cannula 20 guage	1
130163-20	Aortic Mouse Cannula 20 guage	1
130164-16	Atrial Mouse Cannula 16 guage	1
130163-16	Aortic Mouse Cannula 16 guage	1
130164-14	Atrial Mouse Cannula 14 guage	1
130163-14	Aortic Mouse Cannula 14 guage	1
130163-4	Threaded hub assembly	1



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For Standard Radnoti Heart Chamber

Catalog #	Description	Qty.
120153-14LT	Long taper 1.4mm tip	1
120153-16LT	Long taper 1.4mm tip	1
120153-18LT	Long taper 1.8mm tip	1
120153-20LT	Long taper 2.0mm tip	1
120153-22LT	Long taper 2.2mm tip	1
120153-24LT	Long taper 2.4mm tip	1
120153-26LT	Long taper 2.6mm tip	1
120153-28LT	Long taper 2.8mm tip	1
120153-30LT	Long taper 3.0mm tip	1
120153-18ST	Short taper 1.8mm tip	1
120153-20ST	Short taper 2.0mm tip	1
120153-24ST	Short taper 2.4mm tip	1
120153-28ST	Short taper 2.8mm tip	1
120153-30ST	Short taper 3.0mm tip	1
120153-0LT	Set of 5 long taper	5
120153-0ST	Set of 5 short taper	5

For small Radnoti Hi-Tech Heart Chamber

Catalog #	Description	Qty.
140153-14LT	Long taper 1.4mm tip	1
140153-16LT	Long taper 1.4mm tip	1
140153-18LT	Long taper 1.8mm tip	1
140153-20LT	Long taper 2.0mm tip	1
140153-22LT	Long taper 2.2mm tip	1
140153-24LT	Long taper 2.4mm tip	1
140153-26LT	Long taper 2.6mm tip	1
140153-28LT	Long taper 2.8mm tip	1
140153-30LT	Long taper 3.0mm tip	1
140153-18ST	Short taper 1.8mm tip	1
140153-20ST	Short taper 2.0mm tip	1
140153-24ST	Short taper 2.4mm tip	1
140153-28ST	Short taper 2.8mm tip	1
140153-30ST	Short taper 3.0mm tip	1
140153-0LT	Set of 5 long taper	5
140153-0ST	Set of 5 short taper	5

For medium Radnoti Hi-Tech Heart Chamber

Catalog #	Description	Qty.
140163-14LT	Long taper 1.4mm tip	1
140163-16LT	Long taper 1.4mm tip	1
140163-18LT	Long taper 1.8mm tip	1
140163-20LT	Long taper 2.0mm tip	1
140163-22LT	Long taper 2.2mm tip	1
140163-24LT	Long taper 2.4mm tip	1
140163-26LT	Long taper 2.6mm tip	1
140163-28LT	Long taper 2.8mm tip	1
140163-30LT	Long taper 3.0mm tip	1
140163-18ST	Short taper 1.8mm tip	1
140163-20ST	Short taper 2.0mm tip	1
140163-24ST	Short taper 2.4mm tip	1
140163-28ST	Short taper 2.8mm tip	1
140163-30ST	Short taper 3.0mm tip	1
140163-0LT	Set of 5 long taper	5
140163-0ST	Set of 5 short taper	5



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