

*The PinPort™
for Externalized Rodent Catheters*



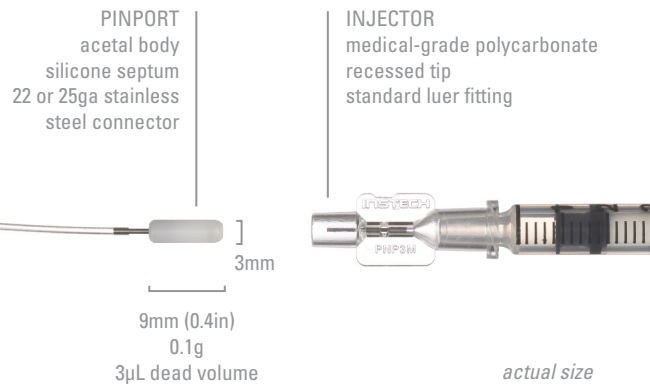
The PinPort™ provides fast, aseptic access to externalized catheters for dosing or blood sampling. It can reduce study costs and improve compliance with the 3Rs. The system consists of a lightweight port and a mating injector which can access the port hundreds of times.

Quick. Infuse or withdraw from a catheter in a fraction of the time it takes with plugs and blunt needles.

Clean. The PinPort is a closed system that permits aseptic technique. This can reduce infection, improve patency and ultimately reduce the number of animals required for a study.

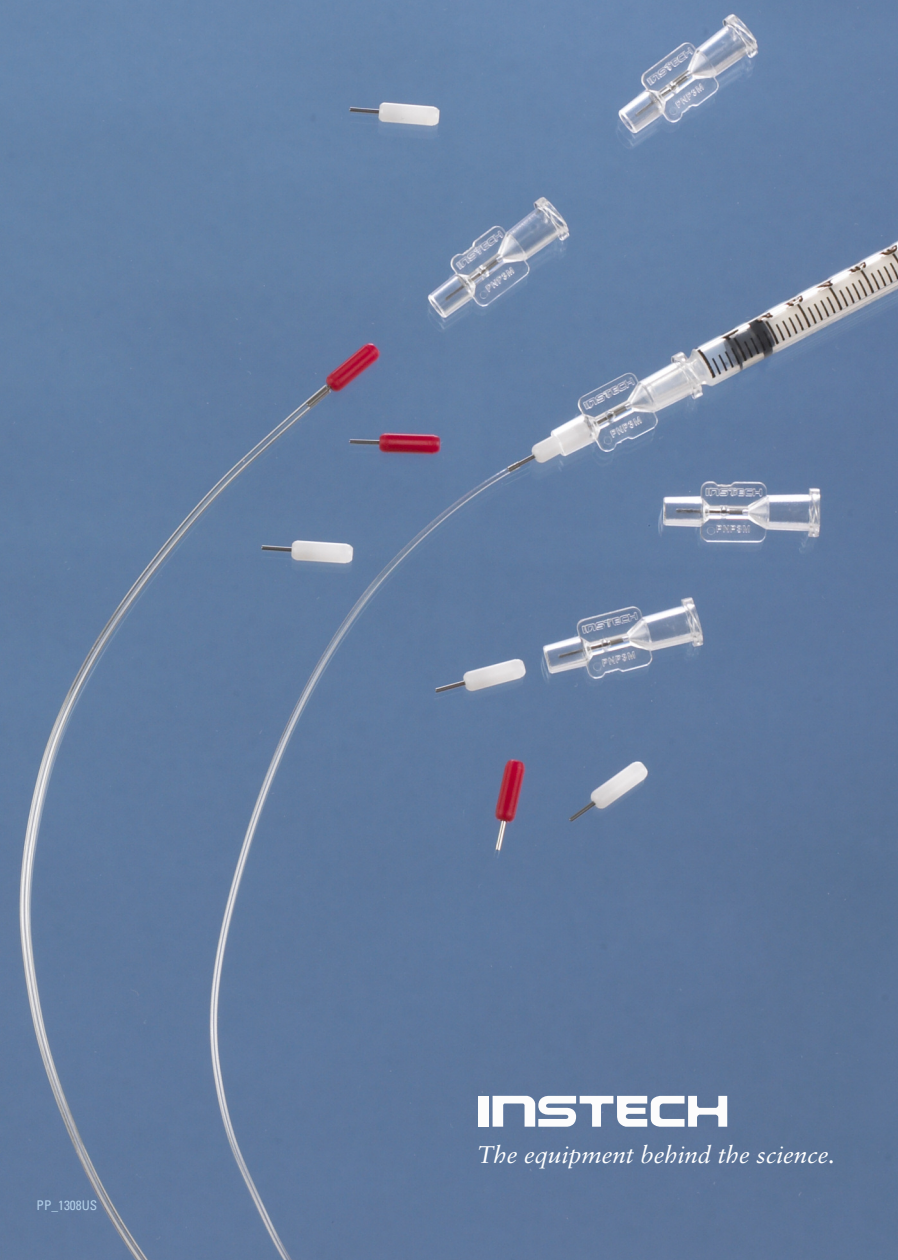
Safe. The injector is recessed and provides complete needle stick protection for personnel.

For laboratory animal use only.



Founded in 1971, Instech Laboratories is a leader in the design and manufacturing of laboratory animal infusion, sampling and dosing equipment. Instech's products are manufactured in the USA. They are available in North America, Europe and India through a direct salesforce and elsewhere through a network of approved distributors.

PINPORT™
for EXTERNALIZED RODENT CATHETERS



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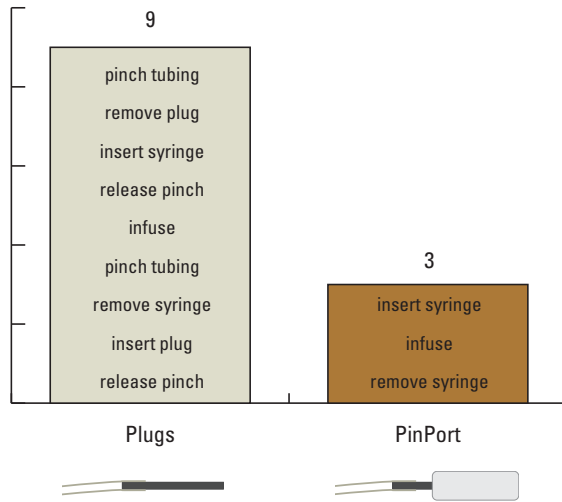
www.instechlabs.com

INSTECH
The equipment behind the science.

Ease-of-Use

Accessing a catheter with a PinPort™ takes one-third the number of steps it takes to access a catheter with a traditional plug and blunt needle.

Number of Steps to Access Catheter



Animal Welfare



Refinement. Reduced handling can reduce animal stress. Improved use of aseptic technique can reduce infection.

Reduction. Improved patency can reduce dropouts and even allow for reuse of animals.

Ordering Information

The PinPort™ is available in white or red and with 22ga or 25ga couplers. Use colors to distinguish vessels. One injector works with all PinPort varieties.


Both the ports and the injectors are available separately in boxes of 50 or 250, packaged 5 to a sterile pouch. Ports and injectors are also available as a set, packaged one set per pouch, 20 pouches per box.

All parts are provided sterilized by ethylene oxide.

PinPorts





Color Connector (ODxID)	250 pc box x 50	50 pc box x 10
White 22ga (.028x.016in)	PNP3F22 \$550	PNP3F22-50 \$140
Red 22ga (.028x.016in)	PNP3F22R \$575	PNP3F22R-50 \$150
White 25ga (.020x.010in)	PNP3F25 \$550	PNP3F25-50 \$140
Red 25ga (.020x.010in)	PNP3F25R \$575	PNP3F25R-50 \$150

PinPort Injectors

	250 pc box x 50	50 pc box x 10
	PNP3M \$275	PNP3M-50 \$70

Use only Instech PNP3M injectors to access PinPorts. Any other type of needle will damage the PinPort septum. Prices valid in US only and are subject to change.

PinPort and Injector Sets

Color Connector (ODxID)	20 pc box x 20	
White 22ga (.028x.016in)		PNP3M-F22 \$90
Red 22ga (.028x.016in)		PNP3M-F22R \$95
White 25ga (.020x.010in)		PNP3M-F25 \$90
Red 25ga (.020x.010in)		PNP3M-F25R \$95

Compatible Catheters

PinPort	Mating Catheter
22ga	3Fr, polyurethane preferred, .024-.025in (.61-.63mm) ID ideal
25ga	2Fr, polyurethane preferred, .016-.017in (.41-.43mm) ID ideal

Instech provides a range of rat and mouse catheters that have been extruded for a perfect fit with 22 and 25ga PinPorts. Access smaller anatomy, such as the mouse carotid artery or rat intrathecal space, with tapered or two-piece catheters.

www.instechlabs.com/Infusion/catheters/

Surgical Services

Most animal vendors that provide surgical services can install the PinPort at the time of catheterization. For contact information and relative experience levels, see:

www.instechlabs.com/downloads/InstechSurgSvcVendors.pdf