

DSI has developed proven products and services for researchers performing cardiovascular studies that require implantable telemetry solutions for small animal models. Our systems offer easy to use, high-quality designs to obtain accurate results for various cardiovascular parameters: blood pressure, heart rate, ECG, ventricular pressures, pulse wave velocity, and more.

DSI provides all of the necessary components for a complete implantable telemetry cardiovascular solution. Each recommended system consists of the necessary telemetry implant, hardware, software, and accessories. **Please note that there is flexibility in the number of animals that can be monitored on a single system and the following solutions can be adapted to meet your study needs.**

Small Animal Implantable Telemetry Cardiovascular Solution for 8 Animals

Product	Part Number	Quantity
DSI Implant of Choice (See Table 1. Available Implant Models)	<i>Implant dependent</i>	8
Starter Kit		1
Lead Coupler Kit (Biopotential Implants Only)		1
Crimp Tool (Biopotential Implants Only)		1
Regel Syringe (Pressure Implants Only)	276-0038-001	1
RPC-1 Receiver	272-6001-001	8
Data Exchange Matrix	271-0117-001	2
DEM Power Supply	370-0102-001	2
Power Cord	<i>Geography dependent</i>	2
8-source Ponemah Acquisition software	PNM-P3P-OART08	1
Ponemah Acquisition and Analysis Software	PNM-P3P-CFG	1
<i>Includes the following components:</i> <ul style="list-style-type: none"> • Ponemah Core Software v5.1 • OpenART Gold Interface (8 sources) • Electrocardiogram Analysis Module • Blood Pressure Analysis Module • Left Ventricular Pressure Analysis Module 	PNM-P3P-510 PNM-P3P-D002 PNM-ECG100W PNM-BP100W PNM-LVP100W	
Ponemah Post Acquisition Analysis Tools	PNM-POST-CFG	1
<i>Includes the following components:</i> <ul style="list-style-type: none"> • Ponemah v5.1 Analysis Only software • ECG Pattern Recognition Option Analysis Module 	PNM-P3P-POST510 PNM-010-TMPLTE	
Software Enhancement Agreement (Optional)	PNM-P3P-E06	1
Computer	271-0112-008	1
Monitor	271-0112-007	1
Power Cord	<i>Geography dependent</i>	2
Ponemah Operating Room System	PNM-P3P-OPSYS	1

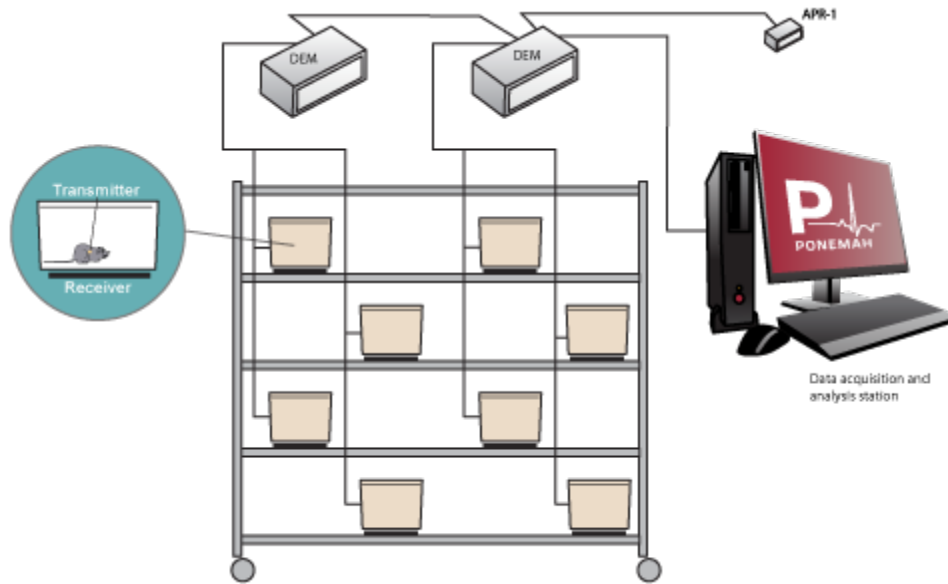


Figure 1. Small Animal Telemetry system for 8 Animals

Table 1. Available Implant Models

Species	Model	P*	T	A	Biopotential Channels	Battery Life (months)
Mouse	HD-X11	•	•	•	1	1
	PA-C10			•		1.5
	ETA-F10		•	•	1	2
	ETA-F20		•	•	1	4
	EA-F20			•	1	4
Rat	PA-C40	•		•		4
	HD-S11	•	•	•	1	2
	HD-S21	2	•	•	1	2
	CTA-F40		•	•	1	6
	CA-F40			•	1	6

*When quoting Pressure Implants, please instruct customers to purchase Vessel Cannulation Forceps and provide purchasing details.



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