

DSI has developed proven products and services for researchers performing cardiovascular studies that require jacketed external telemetry solutions for large animal models. Our systems offer easy to use, high-quality designs to obtain accurate results for various cardiovascular parameters. Examples of parameters that can be monitored include: blood pressure, heart rate, ECG and more.

DSI provides all of the necessary components for a complete jacketed external telemetry cardiovascular solution. Each recommended system consists of the necessary telemetry equipment, 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.**

Large Animal JET Cardiovascular Solution for 8 Animals including blood pressure add-on

Product	Part Number	Quantity
DSI JET Device of Choice (See Table1: Available JET Models)	<i>Device dependent</i>	8
DSI Pressure Only Implant (See Table 2: Recommended DSI implants for use with JET BP)	<i>Device dependent</i>	8
JET BP Add-on Kit*	276-0247-002 (LA) 276-0247-001 (NHP)	8
JET Receiver	272-0240-001	2
JET Receiver Mounting Bracket	003534-001	2
Ethernet interface (E2S-1)	275-0248-001 (US) 275-0248-002 (EU)	1
Ambient Pressure Reference (APR-1)	275-0020-001	1
Multibay JET Battery Charger	276-0943	1
Ponemah Acquisition software system	PNM-P3P-CFG	1
Ponemah software system include: <ul style="list-style-type: none"> • P3P-Core Software 5.1 • Ponemah software (JET 8) • Analysis Module (BP) • Analysis Module (ECG) • ECG Pattern Recognition Option* • Study Protocol Option • Data Security Option 	PNM-P3P-510 PNM-P3P-JET8 PNM-BP-100W PNM-ECG-100W PNM-110-TMPLTE PNM-P3P-1200 PNM-110-DSO	
JET Dog Undershirt (Multiple options)	<i>Animal dependent</i>	1
JET Dog Jacket + BP	276-6003-003	1
Computer	271-0112-008	1
Computer Monitor	271-0113-001	1
Power Cord	274-0009-001	2
Software Enhancement	<i>Software version dependent</i>	1

*Do not quote PNM-ECG100W if you quote this option; it is included as part of PNM-100-TMPLTE

The following products are recommended additions for those adding the respiratory add-on to JET.

Product	Part Number	Quantity
JET RIP Add-on Kit*	276-0151-xxx (LA) 276-0150-xxx (NHP)	8
Analysis Module (PAF)	PNM-PAF100W	1

Figure 1. Large Animal Jacketed External Telemetry system

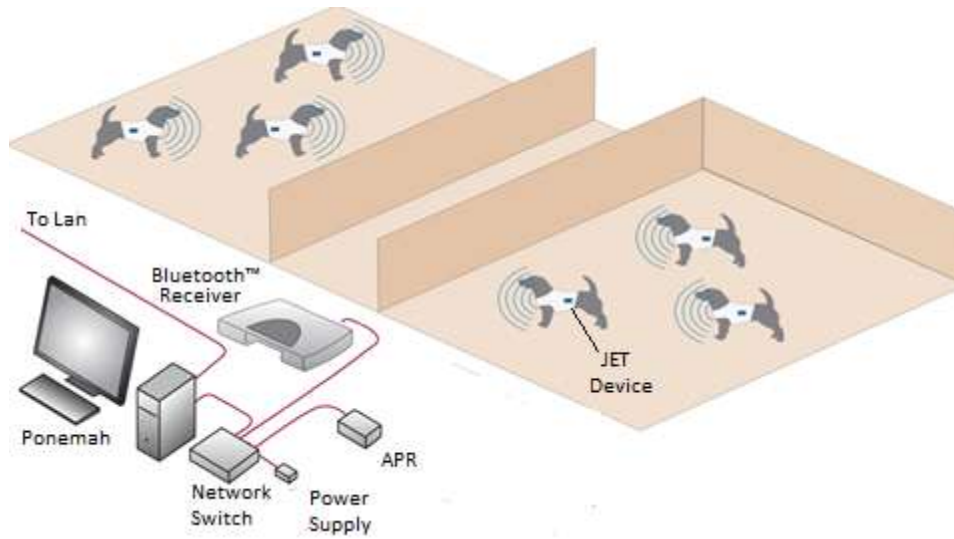


Table 1: Available JET Models*

Model	T	A	P	Lead Set Option	Lead Length Options
JET-EA-BP (Diff, Primate)		•	•	Differential	12 inches (30 cm) 27 inches (69 cm)
JET-3ETA-BP	•	•	•	7 Lead ECG OR 3 Differential Channels	12 inches (30 cm) 27 inches (69 cm)
JET-5ETA-BP	•	•	•	9 Lead ECG OR 5 Differential Channels	12 inches (30 cm) 27 inches (69 cm)

T=temperature; A= activity

*All models are blood pressure capable

Table 2: Recommended DSI implants for use with JET BP

Model	Implant Size	Catheter Length Options (cm)	Catheter Diameter (mm)	Warranted Battery Life (months)
PA-C10-Tox-SA	1.1 cc	7, 8, 10, 15	0.7	1.5
PA-C10-Tox-LA	1.1 cc	10, 15, 25	1.2	1.5
PA-C40	4.5 cc	7, 8, 10, 15	0.7	4