

OEM Non-Invasive
Blood Pressure Technologies

**SunTech**® *Advantage™ VET*
VETERINARY OEM NIBP



BP Designed Exclusively for Veterinary Medicine



+ Clinically Accurate BP Measurements
on Cats and Dogs

+ Module Customizations Designed
to Meet Your Product Needs

SunTech Medical®, the global leader for OEM non-invasive blood pressure (NIBP) technology, presents Advantage™ VET, designed exclusively for the veterinary market. While some NIBP manufacturers provide their human products to veterinary practices, SunTech Medical has developed its automated NIBP module in cooperation with a leading veterinary school to produce technology that provides superior clinical performance on dogs and cats. It is this type of commitment that sets SunTech® apart from the competition and gives your product more reliable, accurate blood pressure.

+ Features & Benefits

Flexibility & Customization:

Low Power Consumption:

Service & Support:

Complete Package:

+ Description

Multiple module platforms, pump options and configurations are available to meet your design needs.

Advantage modules require significantly less power than the competition maximizing power efficiency using a single power supply.

SunTech provides unmatched support to your development team providing everything you need to help you release your device on time and on budget.

Beyond supplying a great module designed for use on dogs and cats, SunTech has market-specific accessories including cuffs, hoses and connectors developed to handle the vet environment. All the necessary documentation, design assistance and unparalleled support comes standard.



+ Technical Specifications for Advantage 2.0 & Advantage Mini

Physical Dimensions	Advantage 2.0	Advantage Mini
Width	2.73 in [69.3 mm]	1.60 in [40.6 mm]
Length	4.15 in [105.4 mm]	1.60 in [40.6 mm]
Height	1.49 in [37.8 mm]	0.71 in [18.0 mm]
Weight	0.3 lbs [133 g]	0.2 lbs [88 g]

Measurements for 2.0 & Mini	
Technique	Oscillometric
Patient Applications	Animals
Systolic Range	40 – 265 mmHg
Diastolic Range	20 – 200 mmHg
MAP Range	27 – 222 mmHg
Pulse Range	25 – 300 BPM
Transducer Accuracy	± 3 mmHg up to full range
Operating Conditions	0°C to 50°C, 15% to 95% non-condensing RH
Storage Conditions	-20° to 65°C, 15% to 95% non-condensing RH

Electrical for 2.0 & Mini	
Operating Voltage	5.3 – 14.5 VDC
Power Consumption	Using 6 VDC Nominal
Sleep	1.4 mW
Idle	180 mW
Measurement	1.1 W
Inflation	3.8 W
Communication Protocols	RS232 or TTL (5V)

Safety for 2.0 & Mini	Dual processors monitor cuff pressure as well as measurement time to maintain patient safety at all times
Warranty for 2.0 & Mini	2 years



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