

Typical NIBP Test Results Using SmartArm NIBP Simulator

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The test results in the table below were obtained using **SmartArms** to test blood pressure monitors using OEM adult cuffs and hoses. Typical test results will usually be within + / - 4 mmHg. Please note the following when using **SmartArm** to test your blood pressure monitor:

Use only OEM **SmartArm** Adapter Hoses. Use **SmartArm's** Leak Test to test the monitor, cuffs and hoses for leaks and also make sure the blood pressure monitor is in calibration (see blood pressure monitor service manual if you have any questions) before obtaining test results. The first result at each setting "seats the cuff", so please be sure to throw out the first result at each setting as the result may vary from additional test results at the same setting.

<i>SmartArm Simulation (Adult Mode)</i>	<i>80 / 50 (60)</i>	<i>120 / 80 (95)</i>	<i>200 / 136 (166)</i>
<u><i>NIBP Monitor</i></u>	Typical Results	Typical Results	Typical Results
DINAMAP	82 / 50 (60)	122 / 79 (95)	201 / 135 (166)
GE Pro Series	81 / 50 (60)	121 / 79 (94)	201 / 136 (166)
H-P Merlin	85 / 44 (58)	122 / 74 (91)	195 / 128 (153)
Propaq Encore	80 / 47 (60)	117 / 77 (92)	187 / 132 (155)
Criticare 507	84 / 48 (61)	124 / 78 (93)	198 / 132 (161)
Philips M 3/4	84 / 50 (59)	121 / 80 (93)	194 / 135 (162)
Siemens	85 / 49 (61)	122 / 78 (94)	198 / 135 (161)
Datascope	83 / 48 (61)	123 / 73 (92)	191 / 126 (158)

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