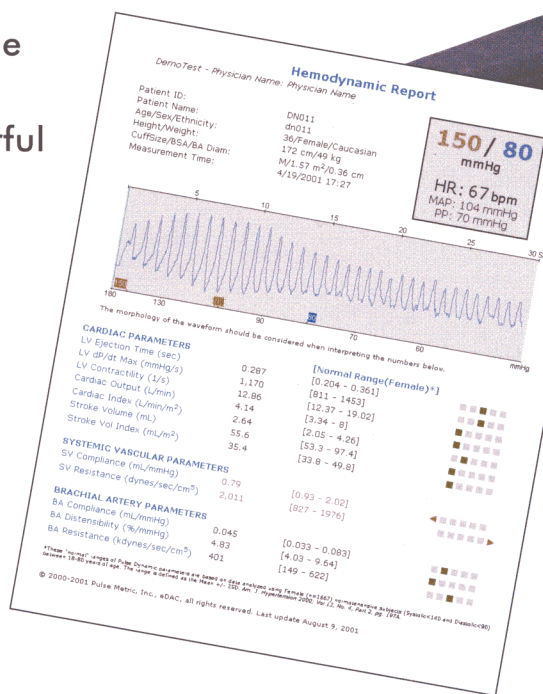


NON-INVASIVE HEMODYNAMIC PROFILING

▶▶▶▶ AT THE POINT OF CARE FROM A SIMPLE BLOOD PRESSURE CUFF

Combine the Pathway Digital Blood Pressure Monitor with the DynaPulse® Analysis Center (DAC) for a Convenient, Powerful Solution to Cardiovascular Disease Management.

- Track hemodynamic response to treatment
- Provide objective measurements to complement physical exam and other diagnostic procedures
- Track and trend patient hemodynamics in several powerful formats
- Print out reports for billing, documentation, and permanent storage



PATHWAY

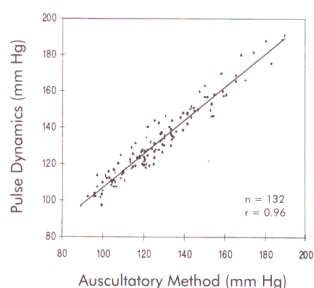
- FDA 510(k) cleared blood pressure monitor
- Automated measurements accurately compare with auscultatory
- Excellent correlation with intra-aortic pressure
- Simple PC interface stores and tracks unlimited number of patients
- Three cuff sizes included
- AC or battery operation
- 1 year limited warranty

DYNAPULSE ANALYSIS CENTER

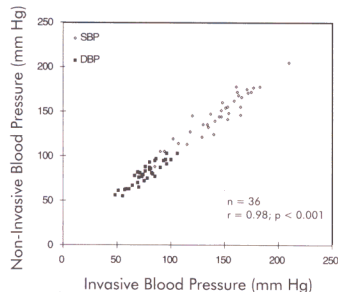
Hemodynamic profiles are ready for review within seconds of uploading PATHWAY blood pressure measurements through your PC and Internet service. Profiles include:

- Cardiac Output
- Systemic Vascular Resistance
- Arterial Compliance
- Left Ventricular Function (Contractility and dP/dt)

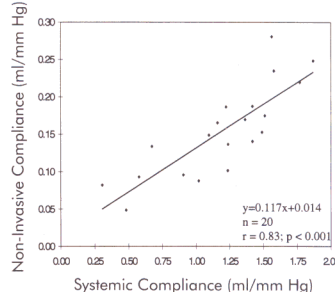
DynaPulse technology has been clinically validated with good correlation against gold-standard hemodynamic measurement methods.



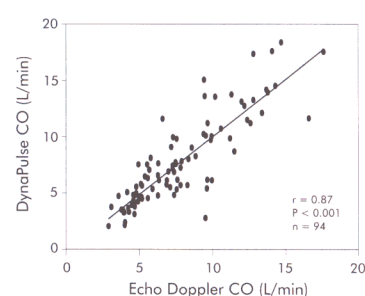
Correlation of 0.96 between DynaPulse (DP) oscillometric blood pressure (systolic) versus auscultatory method.



Correlation of 0.98 between non-invasive DP blood pressure measurements versus invasive method.



Correlation of 0.83 between DP and invasively determined systemic vascular compliance (SVC).



Correlation of 0.87 between DP CO and echocardiography measured CO within the range of 3–18 L/min (measurements taken during dobutamine stress echocardiogram).

SPECIFICATIONS AND REQUIREMENTS

PATHWAY

MEASUREMENT METHOD	Pulse Dynamic Oscillometric
MEASUREMENT CONTROL	Start measurement from PC keyboard or device
MEASUREMENT RANGE	SBP: 60 – 240 mmHg DBP: 30 – 200 mmHg MAP: 40 – 240 mmHg HR: 20 – 200 BPM
BLOOD PRESSURE ACCURACY	Meets or exceeds SP10-1992 AAMI standards
HEART RATE ACCURACY	± 1 bpm
INFLATION	Automatic micro-rolling pump
DEFLATION	Adjustable mechanical needle valve, electromagnetic safety valve
INFLATION PRESSURE	120 – 280 mmHg in 20 mmHg steps
DEFAULT INFLATION PRESSURE	160 mmHg
DISPLAY	LCD 14 x 42 mm, 2 x 16 characters
POWER SOURCE	4 "AA" disposable batteries or AC adapter
POWER CONSUMPTION	380-500 mA while pumping 10 – 15 mA while idle
BATTERY LIFE	100 measurements
SOUND LEVEL	40 – 50 dBA at 24" (60 cm)
OPERATING TEMP/HUMIDITY	41° – 104° F (5° – 40° C) 0 – 90% RH (non-condensing)
STORAGE TEMP/HUMIDITY	32° – 131° F (0° – 55° C) 0 – 95% RH (non-condensing)
DIMENSIONS	Approximately 7.1" (l) x 3.5" (w) x 1.4" (h) (18 x 8.6 x 3.5 cm)
WEIGHT	15.7 oz w/ batteries, 12.5 oz without

DYNAPULSE ANALYSIS CENTER

CARDIAC PARAMETERS	Cardiac Output (L/min) Stroke Volume (mL) Cardiac Index (L/min/m ²) Stroke Vol Index (mL/m ²) LV dP/dt Max (mmHg/s) LV Contractility (1/s) LV Ejection Time (sec)
SYSTEMIC VASCULAR PARAMETERS	SV Resistance (dynes/sec/cm ⁵) SV Compliance (mL/mmHg)
BRACHIAL ARTERY PARAMETERS	BA Compliance (mL/mmHg) BA Distensibility (%/mmHg) BA Resistance (kdynes/sec/cm ⁵)
REPORT FORMATS	Single Measurement Profile Tabular Single Parameter Trend Graph Multi-parameter Trend Graph Time-of-day Diurnal Statistics Export to Spreadsheet

PC REQUIREMENTS

CPU	233 Mhz Pentium, minimum
RAM	64 MB, minimum
MONITOR	1024 x 768, minimum
CONNECTIVITY	Internet access with 56K modem, minimum
COMMUNICATION	Serial RS-232 DB-9 or USB with Pulse Metric approved Adapter Cable
OPERATING SYSTEM	Windows 95, 98, 2000, ME, XP
BROWSER	IE 5.0 or Netscape 6.01, minimum



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