

Manufacturer Envelopes:

GE Dinamap and Dinamap Pro
Critikon Dinamap Plus
Datascope Passport
Welch-Allyn Spot LXi and 52000
Fukuda Dynascope
Colin Press-Mate
...and more custom simulations

Pressure Units:

mmHg, mbar, kPa, inH₂O, cmH₂O

BP Presets:

Systolic/Diastolic (mmHg)

Adult	Neonatal
255/195	150/100
200/150	120/80
150/100	100/65
120/80	80/50
100/65	60/30
80/50	35/15
60/30	

BP Simulation:

Simulation type: oscillometric
Rate Range: 20 – 240 BPM
Accuracy: ±0.25 BPM in sync mode
±1 BPM otherwise
Amplitude: 0 – 2 mL
1.25 mmHg into 500ml cuff
Amplitude Range: 0 – 150%
Amplitude Accuracy: better than 0.5%
AutoSettings: unlimited, user definable

Envelope Shift:

± 50 mmHg max
Minimum Diastolic: 15 mmHg
Maximum Systolic: 275 mmHg

Manometer:

Pressure Range: 0.0 to 400.0 mmHg
Accuracy: ± 0.5 mmHg
Resolution: 0.1 mmHg

Regulated Pressure Source:

Pressure Range: 10.0 to 400.0 mmHg
Accuracy: ± 0.5 mmHg
Resolution: 0.1 mmHg

Leak Test:

Automatic/manual Inflation
Automatic Timer
Leak Test Time: 30 - 600 seconds (user defined)
Target Pressure: 20 to 400 mmHg
Range: 0 to 200 mmHg/min
User Definable Presets: 12
User Definable AutoSettings: unlimited

OverPressure Test:

Automatic/manual Inflation
Range: 20 - 400 mmHg
Release Time: 1-999 sec
User Definable Presets: 12
User Definable AutoSettings: unlimited

Standard Features / Accessories:

- Autosequences
- Unlimited User Defined Settings
- vPad-A1 Power Base / Display
- Universal Hose Adapter Kit

Communication / User Interface:

via vPad-A1 Base Unit
Android 5" tablet:
Touchscreen User Interface
Wired (USB) or Bluetooth mode
WiFi
16 GB memory
Dual XBUS for Datrend test automation

Power Supply:

External AC adapter
Internal rechargeable Li-Ion batteries (for 200+ simulations with full charge)

Dimensions:

98mm x 275mm x 97mm (3.87" x 10.82" x 3.80")
BP Unit (incl. A1 Base)

Weight:

1080g (2.38lb) BP Unit (incl. A1 Base)
200g (0.44lb) wireless tablet interface

Environment:

15°C to 40°C, 10% to 90% RH,
Indoor Use Only, Category II

Please contact the factory for the availability of other calibration tables, or visit our web site for updates at www.datrend.com

All specifications subject to change without notice.