

VORTRAN APM-Plus™

Airway Pressure Monitor

Battery-operated (2xAA), portable airway pressure monitor with adjustable alarms

- Connect to a ventilator or resuscitator (such as the VORTRAN GO₂VENT®) using Resuscitator Mode
- Connect to a constant-pressure circuit using PAP Mode



MONITOR

- **Resuscitator Mode:** PIP, PEEP, Breath Rate, Inspiratory Time, Expiratory Time, I:E Ratio
- **PAP Mode:** Real-Time Pressure

USER-ADJUSTABLE ALARMS

- **Resuscitator Mode:** High PIP, Low PEEP, High Rate, Non-Cycling
- **PAP Mode:** High Pressure, Low Pressure

Ordering Information

Description:	Order No.
VORTRAN APM-Plus	3960
Accessory Kit, 4' Tubing	3942



Accessory Kit:

4' tubing, hydrophobic filter, luer fitting, tee adapter

VORTRAN APM-Plus™

Airway Pressure Monitor

Resuscitator Mode

PIP:	XX	cm-H ₂ O
PEEP:	XX	cm-H ₂ O
RATE:	XX	BPM
50	2	35 10

PIP from 0 to 55 cm-H₂O, resolution of 1 cm-H₂O
 PEEP from 0 to 55 cm-H₂O, resolution of 1 cm-H₂O
 RATE from 0 to 99 BPM, resolution of 1 BPM

I-TIME:	X.X	s
E-TIME:	X.X	s
IE RATIO:	1:X.X	
50	2	35 10

I-TIME from 0 to 9.9 s, resolution of 0.1 s
 E-TIME from 0 to 9.9 s, resolution of 0.1 s
 IE RATIO from 1:0.0 to 1:9.9, resolution of 0.1

PAP Mode

P = XX.X	cm-H ₂ O
12	2 5

P, Real-Time Pressure, from 0 to 55 cm-H₂O, resolution of 0.1 cm-H₂O

Default High-Priority Alarm Limits

Resuscitator Mode:

High PIP: 50 cm-H₂O
 Low PEEP: 2 cm-H₂O
 High Rate: 35 BPM
 Non-Cycle: 10 seconds

PAP Mode:

High Pressure: 12 cm-H₂O
 Low Pressure: 2 cm-H₂O
 Nominal Pressure: 5 cm-H₂O

PAP Mode has a Drift Alert when pressure deviates from targeted nominal pressure, in addition to alarms

P = XX.X	cm-H ₂ O
PRESSURE ↓ ↓ ↓	
12	2 5

PRESSURE DROP Alert - occurs when Real-Time Pressure falls to 2 cm-H₂O less than the Nominal Pressure Setting.

P = XX.X	cm-H ₂ O
PRESSURE ↑ ↑ ↑	
12	2 5

PRESSURE RISE Alert - occurs when Real-Time Pressure rises to 2 cm-H₂O over the Nominal Pressure Setting.

