



# Northern Meditec Limited

## ICU ventilator Crius V6



### electrical interface

Nurse call, USB, NET, RS232, VGA

### interface type

Main patient outlet: ISO 22M/15F  
Oxygen inlet: DISS or NIST male

### Screen

Screen size: 15.6 inches diagonally  
Display Type: Color Active Matrix TFT LCD  
Screen resolution: SVGA resolution, 1366 x 768

### controls

fully electronic control  
Ventilation Type: Turbine  
Ventilation modes:  
Spn-CPAP, PC-CMV, PC-ACV, PC-SIMV, PC-Dual PAP, PC-AMV, PC-APRV, PC-MMV, VC  
CM-V, VC-ACV, VC-SIMV  
Special functions:  
manual breath, O2 therapy, hold, screen lock, inspiratory hold, expiratory hold,  
sigh, ATC, PCVR, PPS, compliance, p0.1, calibrate, nebulizer, O2 suction.

Patient Types: Adult / Pediatric / Neonate

### monitoring

Waveforms in real time:  
Paw, Flow, Volume, EtCO2, SPO2 Optional:  
CO2, SPO2 (related parameters)  
Loops: PV, V-Flow, Flow-P  
Trends: 1s, 5s, 1min, 10min, 30min, 60min

Tidal volume: 10 to 2000 ml  
PEEP/CPAP: 0 to 30 cmH2O  
Oxygen: 21 to 100%  
I:E ratio: 1:10 to 4:1  
Inspiratory time (TI): 0.2 to 5 s

flow trigger: 0.2 to 15 l/min  
Shot pressure: -0.5 to -20cmH2O  
Pressure control: 5 to 90 cmH2O, added to PEEP/CPAP  
Pressure Support: 0 to 90 cmH2O, added to PEEP/CPAP  
Pressure ramp: 0 to 2s

Expiratory Trigger Sensitivity (ETS):  
OFF, 5 to 90% of peak inspiratory flow  
Spontaneous Peak Flow: >210 L/min

### Electric and gas supplies

Input voltage: 100  
to 120 V ~ ±10%, 50/60 Hz AC or 24 VDC ±10%  
Power Consumption: 50 W typical  
Protection class: Class I  
Battery backup:  
typical 2 hours with internal battery / 2 batteries can be stored / hot  
swappable

Oxygen supply: 280 to  
600 kPa (41 to 87 psi), 120 L/min Low  
pressure:  
oxygen  $\dot{V}$ 15 L/min, max. 600 hPa for low pressure

### alarms

Operator Adjustable:  
Low/High Minute Volume, High/Low Pressure, Low/High Tidal Volume, Low/High Rate, Apnea Time, Low/High  
Oxygen Optional: Low/High CO2, Low/High SPO2

Special alarms:  
Oxygen concentration, disconnection, loss of PEEP, exhalation obstruction, flow sensor, power batteries, gas supply  
Loudness Adjustable: 1 to 9  
Event log: storage and display of up to 1000 events with date and time stamp

### physical dimensions

Weight: <45.3  
kg Dimensions (WxHxD): Approx. 600x402x415mm



## Northern Meditec Limited

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