

## **Product Specification RT227**

### **- RT227 Neonatal single heated circuits (SLE 2000, 2000HFO)**

- \* Single heated Fisher & Paykel neonatal breathing circuit
- \* Heater wire 0.95m heater wire for optimal performance with Fisher & Paykel humidifiers
- \* Pressure reducer can be used at the end of the heated tube or after the incubator extension to ensure optimal setup and minimize condensation
- \* ISO 5356-1 conical connectors
- \* Environment friendly PE (Polyethylene) Material
  - No PVC components in the gas path to the patient
- \* Latex free
- \* Included unheated incubator extension
  - Can be used with incubators and infant warmers
- \* Included adaptors for NO application
- \* Included adaptors for nasal cannulas
- \* Included pressure line 1.8m
- \* Y-piece with rotating swivel provides optimal patient setup
  - With Duck-bill suction valve
  - 0,4ml deadspace
- \* Included MR290 chamber
  - Compliance: 0.4 mL/cmH<sub>2</sub>O
  - Compressible Volume: 280mL
  - Resistance to flow @ 60 L/min: 0.52 cmH<sub>2</sub>O
  - Maximum Operating Pressure: 8kPa
  - Maximum Peak Flow: 180 L/min for 30 secs
  - Gas leakage < 100mL/min
  - Actively produces constant humidity
  - Automatically refills
  - Safe dual-float mechanism maintain constant water level
  - Suitable for all patients
  - Constant compressible volume
- \* Compliance 1.20mL/cmH<sub>2</sub>O
- \* Compressible volume 501ml without chamber
- \* Maximum circuit gas leakage rate 75 mL/min @ 60 cmH<sub>2</sub>O
- \* Resistance to Flow @ 1.5 L/min 2.00cm H<sub>2</sub>O
- \* Circuit length
  - Inspiratory 1.5m (1.15m heated tube, 0.35m Incubator extension)
  - Expiratory 1.7m with water trap
  - Dry line 0.6m
- \* Compatible with series MR7xx and MR850 Fisher & Paykel Humidifiers
- \* Existing compatibility with the ventilator and humidifier
- \* Fulfill the requirements of ISO 8185:1997 regarding compatibility and safety
- \* Clean room packed