

Heated Wire Circuits



YOUR BEST PARTNER



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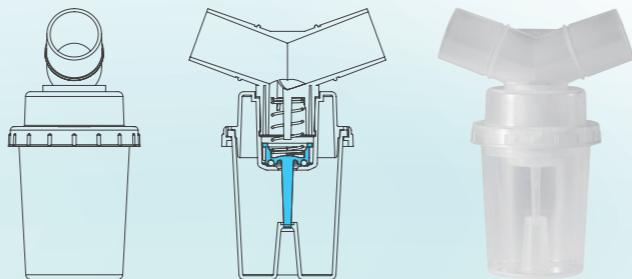
D.C. Medical heated wire circuit as an excellent solution to respiratory humidification. Full series compatible with F&P MR250 (and warmers with similar design). Unique and dedicated design ensure ease of use for healthcare professionals, and mean time, secure safety and efficacy for patients



## Unique water trap design

- Circuit auto-seal mechanism, care-free water pouring
- Less ventilator alarm<sup>a</sup>
- Less opportunistic infection<sup>b</sup>

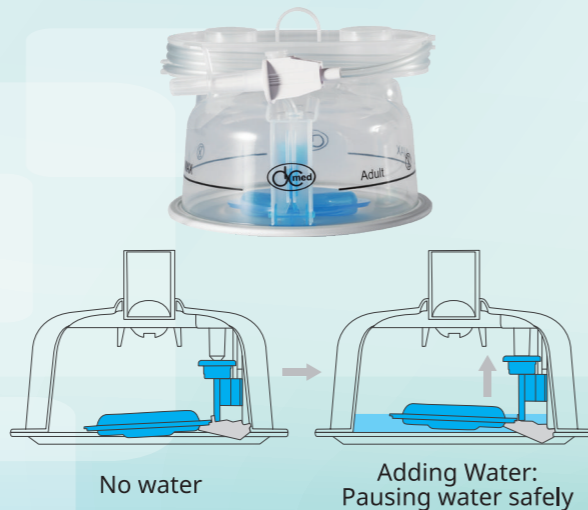
a. Compared with non auto-seal water trap model  
 b. Respiratory Care May 2019, 64 (5) 545-549



## Patented auto-refill chamber

- Automatically keep water in a steady level<sup>a</sup>
- 100% tested during production, hassle free, load and forget<sup>a</sup>
- PP material, zero BPA, zero interference to human body, safe for all ages

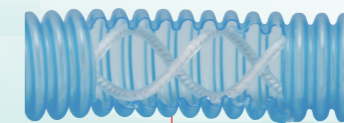
a. DC Medical, production and inspection standard operation process



## Optimal wire length

- Efficient and stable heating
- Superior heating function, 21% faster in reaching 37 degree celcius<sup>a</sup>
- Less condensation inside circuit, 20% reduction in the volume of water<sup>b</sup>

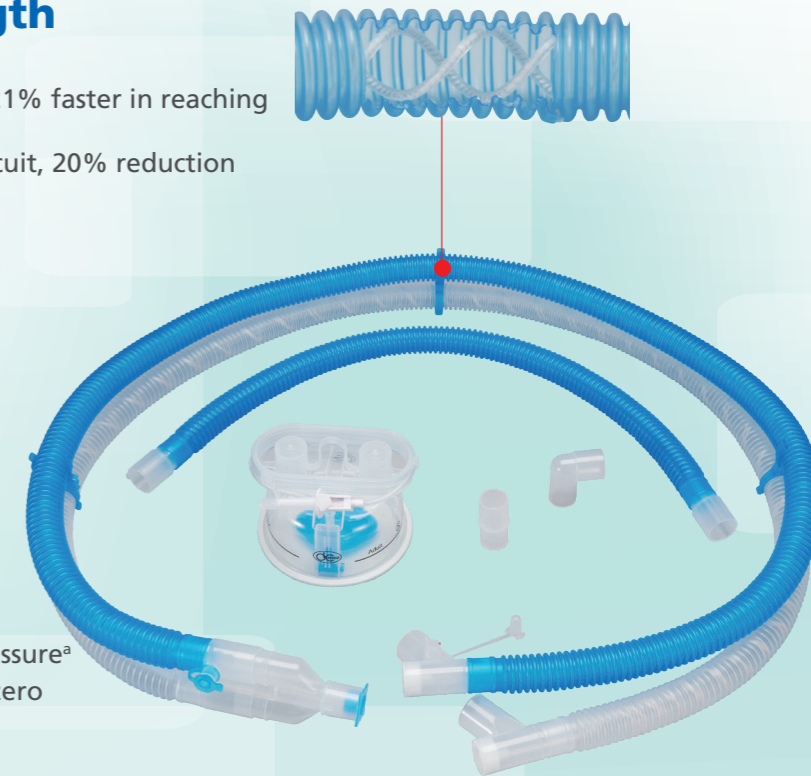
a. Compared with economic alternative  
 b. Respiratory Care May 2019, 64 (5) 545-549



## Unique combination of material

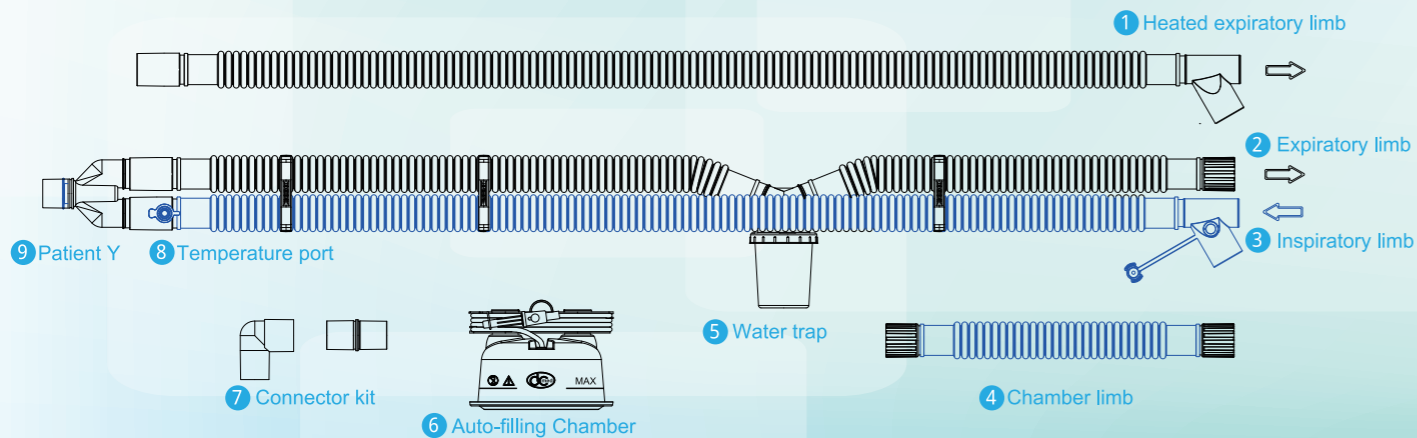
- 21%-44% less expansion against pressure<sup>a</sup>
- Air-tight without adhesive/sealant, zero leakage under 60mmH2O<sup>b</sup>

a. Compared with common PP circuit  
 b. DC Medical product master file



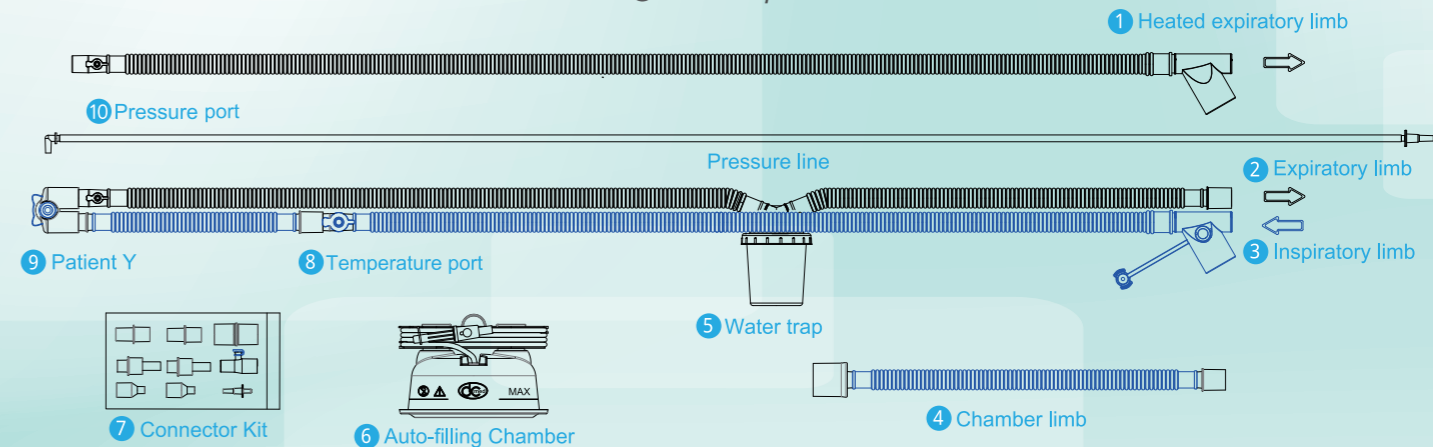
## ADULT

- ① Heated expiratory limb: 150cm
- ② Non-heated expiratory limb: 90 cm + 60cm
- ③ Inspiratory limb: 150 cm, 22ID, MR850 system chamber adaptor
- ④ Chamber limb: 60 cm
- ⑤ 55ml Water trap 22 mmOD
- ⑥ Auto-fill chamber connection ports: 22 mmOD
- ⑦ Connector kit: straight connector, 22mmOD; elbow connector, 22 mmOD, 22 mmID
- ⑧ Temperature port: 7.6 mmID
- ⑨ Patient wye connector :22/15 mm



## NEONATE

- ① Heated expiratory limb: 140 cm
- ② Non-heated expiratory limb: 90+60 cm
- ③ Inspiratory limb: 110+30 cm, 22 mmID, MR 850 style humidifier adaptor
- ④ Chamber limb: 60 cm
- ⑤ 55ml Water trap 10 mmOD
- ⑥ Auto-fill chamber connection ports: 22 mmOD
- ⑦ Connector kit
- ⑧ Temperature port: 7.6 mmID
- ⑨ Patient wye connector: 15 mmID
- ⑩ Pressure port



## ADULT

REF	Heated Wire	Description	Package	Accessory
3410	Insp.	Single Heated Wire Circuit	1 set/bag, 10 sets/carton	Chamber included
3420	Insp. & Exp.	Dual Heated Wire Circuit	1 set/bag, 10 sets/carton	Chamber included
3411	Insp.	Single Heated Wire Circuit	1 set/bag, 10 sets/carton	
3421	Insp. & Exp.	Dual Heated Wire Circuit	1 set/bag, 10 sets/carton	
3413	Insp.	Inspiratory Heated Wire Circuit	1 set/bag, 15 sets/carton	Chamber included
3490		Auto-filling Humidification Chamber	1 set/bag, 40 sets/carton	
3493		Manual-filling Humidification Chamber	1 set/bag, 40 sets/carton	

## NEONATE

REF	Heated Wire	Description	Package	Accessory
3440	Insp.	Single Heated Wire Circuit	1 set/bag, 20 sets/carton	Chamber, Connector Kit
3450	Insp. & Exp.	Dual Heated Wire Circuit	1 set/bag, 20 sets/carton	Chamber, Connector Kit
3441	Insp.	Single Heated Wire Circuit	1 set/bag, 20 sets/carton	Connector Kit
3451	Insp. & Exp.	Dual Heated Wire Circuit	1 set/bag, 20 sets/carton	Connector Kit
3445	Insp.	Single-heated Wire Circuit with Chamber (Auto-filling) for SLE5000	1 set/bag, 20 sets/carton	Chamber, Connector Kit
3449	Insp.	Single-heated Wire Circuit with Chamber (Manual-filling) for SLE5000	1 set/bag, 20 sets/carton	Chamber, Connector Kit
3446	Insp.	Single Heated Wire Circuit for SLE5000	1 set/bag, 20 sets/carton	Connector Kit
3443	Insp.	Inspiratory Heated Wire Circuit with Chamber (Auto-filling)	1 set/bag, 20 sets/carton	Chamber, Connector Kit
3484		SLE5000 Connector (Restrictor)	1000 pcs/bag, 1 bag/carton	Bulk package
3495		Auto-filling Humidification Chamber	1 set/bag, 40 sets/carton	
3498		Manual-filling Humidification Chamber	1 set/bag, 40 sets/carton	