













Best-practice breathing circuit set configurations for all patient groups on HAMILTON-C1/T1/MR1

With neonatal option installed







Patient group	Patient height	PBW	Weight	Breathing circuit	Flow sensor	Expiratory valve set	CO2 airway adapter
Neonatal	–	–	0.2–15 kg	Dual limb Neonatal/pediatric breathing circuit set			 ¹
Adult/ Pediatric	> 80 cm	> 10 kg	–	Coaxial breathing circuit set			

¹ The use of a mainstream CO2 airway adapter requires a 15-mm OD/ID adapter.







Patient group	Flow sensors		Capnostat (mainstream)		LoFlow (sidestream)	
						
Dead-space volumes (functional)	1.3 ml	< 11 ml	< 1 ml	6 ml	< 1 ml	7 ml
For use on endotracheal tube sizes	–	–	≤ 4.0 mm ID	> 4.0 mm ID	≤ 4.0 mm ID	> 4.0 mm ID

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Without neonatal option installed

Patient group	Patient height	PBW	Breathing circuit	Flow sensor	Expiratory valve set	CO2 airway adapter
Adult/ Pediatric	30–100 cm	3–15 kg	Dual limb Neonatal/pediatric breathing circuit set ²			
	> 80 cm	> 10 kg	Coaxial breathing circuit set			

² When using the Hamilton Medical dual limb neonatal/pediatric breathing circuit sets with adult/pediatric flow sensor, IBW must be set to 20 kg or less prior to performing the prep check (this combination requires software version 2.2.0 or higher). Applies to part numbers PN 260169, PN 260170, PN 260180, PN 260182.

	Flow sensors		Capnostat (mainstream)		LoFlow (sidestream)	
Patient group						
Dead-space volumes (functional)	1.3 ml	< 11 ml	< 1 ml	6 ml	< 1 ml	7 ml
For use on endotracheal tube sizes	–	–	≤ 4.0 mm ID	> 4.0 mm ID	≤ 4.0 mm ID	> 4.0 mm ID



Adult and pediatric patients



Neonatal patients

More information visit the e-catalog:
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EL020220709N.00

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