




Reference	KP5.04.261.3	Rythmic™ Evolution (blue)	
Delivery modes	<ul style="list-style-type: none"> - Continuous - Bolus only - Continuous + bolus - Programmed Automatic Bolus (PAB) with combined PCA 		
Flow rate and Accuracy	0.1 to 100 ml/hr (configurable maximum rate) at +/- 5%		
Programming units Concentration	ml/mg/µg 0.1 to 99.9 mg/ml and 0.1 to 999.9 µg/ml		
Volume to infuse	1 to 9999 ml		
Bolus dose	0 or from 0.1 to 60 ml with 0.1 ml increment		
Bolus flow rate	100 ml/hr, adjustable from 50 to 100 ml/hr with 10 ml/hr increment		
Lockout interval	0 to 999 minutes		
Special functions	Protocol libraries (60 protocols per library) - Dose limit / x hours and Bolus limit / x hours - Loading dose - Clinician bolus override - Mandatory priming (enabled, warning only, disabled) - Automatic priming through the pump - Lockable pump keyboard		
Therapy monitoring	Recording of patient pain scores with visual analogue scale (VAS) - VAS available in the pump history - Printable and computer downloadable - Ready to Connect to www.micrelcare.net for therapy monitoring through the web		
KVO	0.1 to 2.0 ml/hr		
Automatic restart after occlusion release	Yes		
Safety features	Air in line elimination filter - Free flow protection - Programming within protocol limits - Lockable protective cover for drug container - Code protected stop of infusion		
Alarms & warnings	Occlusion (low 0.8 bar, middle 1.2 bar, high 1.6 bar) - Near end and end of infusion - Low and depleted battery - Dose limit, bolus limit - Open mechanism - Preventive maintenance warning		
Access code levels	3		
Programming	Protocol libraries programmed with 'Rythmic™ Evolution Therapy Manager' computer software Direct programming on the pump possible		
Languages	Bulgarian, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Lithuanian, Norwegian, Polish, Portuguese, Russian, Serbian, Slovenian, Spanish, Swedish		
History, infusion graph / printout and PC download	Yes, including 6500 time stamped events event log - 'Plug and play' print facility		
Power supply	100 to 240 V, 50-60 Hz (with optional adaptor KS5.01.615.4)		
Preventive maintenance	Every 3 years		

Rythmic™ Administration Set range for Rythmic™ Evolution systems (DHP FREE)

<p>Spike Set KM1.EE.099.2 - CH2 Code: TBC</p>	
<p>Mini Full Set 100mL KE1.EE.177.0 - CH2 Code: TBC</p>	
<p>Full Set 200mL KE1.EE.185.1 - CH2 Code: TBC</p>	