

# Rythmic™ Evolution

PRODUCT  
INFORMATION






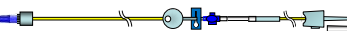


Reference	<p><b>KP5.04.130.3</b> Rythmic™ Evolution (Yellow)</p> <p><b>KP5.04.173.4</b> Rythmic™ Evolution (Yellow rechargeable)</p> <p><b>KP5.04.263.3</b> Mini Rythmic™ Evolution Lockable (Yellow)</p> <p><b>KP5.04.267.3</b> Mini Rythmic™ Evolution Lockable (Yellow rechargeable)</p> <p><b>KP5.04.147.4</b> Rythmic™ Evolution Organiser 500 (Yellow)</p>	<p><b>KP5.04.150.5</b> Rythmic™ Evolution Organiser 501 (Yellow rechargeable)</p> <p><b>KP5.04.268.3</b> Mini Rythmic™ Evolution Lockable (Yellow rechargeable) UK</p> <p><b>KP5.04.249.1</b> Rythmic™ Evolution (Yellow rechargeable) UK</p> <p><b>KP5.04.152.5</b> Rythmic™ Evolution Organiser 501 (Yellow rechargeable) UK</p>
Delivery modes	<ul style="list-style-type: none"> <li>- Continuous</li> <li>- Bolus only</li> <li>- Continuous + bolus</li> <li>- Programmed Automatic Bolus (PAB) with combined PCA</li> </ul>	
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 0.1ml 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	<p><b>Protocol libraries</b> (60 protocols per library) - Dose limit / x hours and Bolus limit / x hours - Loading dose - Clinician bolus override - <b>Mandatory priming (enabled, warning only, disabled)</b> - Automatic priming through the pump - Lockable pump keyboard</p>	
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 <a href="http://www.micrelcare.net">www.micrelcare.net</a> 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	



Includes bolus, battery, carrying bag & keys  
(carrying bag applies for Rythmic Evolution and Mini Rythmic™ Evolution models)

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# DEHP free set range

Rythmic™ Administration Set range for Rythmic™ Evolution systems			
NRFit™ Connector		Luer Connector	
Yellow Spike Set with NRFit™ Connector KE1.EE.337.2		Yellow Mini Full Set 100 mL KE1.EE.167.0	
Yellow Spike Set S with NRFit™ Connector KE1.EE.338.2		Yellow Full Set 200 mL KE1.EE.190.0	
Yellow Mini Full Set 100mL with NRFit™ Connector KE1.EE.339.2		Yellow Spike Set KM1.EE.160.0	
Yellow Full Set 200 mL with NRFit™ Connector KE1.EE.340.2		Yellow Spike Set S KM1.EE.162.0	

Accessories for Rythmic™ Evolution Systems					
	<b>Rythmic™ carrying bag</b> Included in all Rythmic™ Evolution systems  KM1.YY.415.2		<b>Carrying bag 500 ml for Rythmic™ and IP Connect</b>  KM1.YY.318.2		<b>Mini Rythmic™ Bag 500 ml</b>  KM1.YY.365.1
	<b>Mini Rythmic™ Bag</b> Included in all Rythmic™ Evolution systems  KM1.YY.400.1		<b>Rythmic™ XS Carrying Shoulder Bag single use</b>  KM1.YY.566.1		<b>Mini Rythmic™ XS Carrying Waist Bag 250 mL</b>  KM1.YY.506.2
	<b>IP Connect Pack</b>  KP5.04.259.2		<b>Rythmic™ Evolution Bolus Handset</b>  KS5.04.505.2		<b>Rythmic™ Power Adaptor plug type C (EU) (Available also UK and USA nema)</b>  KS5.01.615.4
	<b>Mini Rythmic™ Pole Clamp</b>  KS5.04.017.5		<b>Rythmic™ holder with Pole Clamp</b>  KS5.01.430.3		<b>Rythmic™ Organizer Pole Clamp</b>  KS5.01.524.3

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