

# Rythmic™ Evolution









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CATALOGUE

Reference	KP5.04.130.3 Rythmic™ Evolution (Yellow) KP5.04.173.4 Rythmic™ Evolution (Yellow rechargeable) KP5.04.263.3 Mini Rythmic™ Evolution Lockable (Yellow) KP5.04.267.3 Mini Rythmic™ Evolution Lockable (Yellow rechargeable) KP5.04.147.4 Rythmic™ Evolution Organiser 500 (Yellow) KP5.04.150.5 Rythmic™ Evolution Organiser 501 (Yellow rechargeable)
Delivery modes	- 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 0.1ml increment
Bolus flow rate	100 ml/h, adjustable from 50 to 100 ml/h with 10 ml/h 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 <a href="http://www.micrelcare.net">www.micrelcare.net</a> for therapy monitoring through the web
KVO	0.1 to 2.0 ml/h
Automatic restart after occlusion release	Yes
Safety features	Air in line eliminator 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
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)

# DEHP free set range

Rythmic Administration Set range for Rythmic™ Evolution systems			
NRFit™ Connector		Luer Connector	
Yellow Spike Set with NRFit™ Connector KE1.EE.337.1		Yellow Mini Full Set 100 mL KE1.EE.167.9	
Yellow Spike Set S with NRFit™ Connector KE1.EE.338.1		Yellow Full Set 200 mL KE1.EE.190.9	
Yellow Mini Full Set 100mL with NRFit™ Connector KE1.EE.339.1		Yellow Spike Set KM1.EE.160.9	
Yellow Full Set 200 mL with NRFit™ Connector KE1.EE.340.1		Yellow Spike Set S KM1.EE.162.9	

Accessories for Rythmic™ Evolution Systems					
	Carrying bag for Rythmic™ Included in all Rythmic™ Evolution systems  KM1.YY.415.2		Carrying bag 500 ml for Rythmic™ and IP Connect  KM1.YY.318.2		Mini Rythmic™ Bag 500 ml  KM1.YY.365.1
	Mini Rythmic™ Bag Included in all Rythmic™ Evolution systems  KM1.YY.400.1		Disposable Carrying bag for Mini Rythmic™  KM1.YY.566.1		Banana carrying bag 200 ml for Mini Rythmic™  KM1.YY.506.2
	IP Connect Pack nc  KP5.04.259.2		Evolution Bolus Handset  KS5.04.505.2		Micrel Power Adaptor nc (Available also UK and USA nema)  KS5.01.615.4
	Pole Clamp mini Rythmic™  KS5.04.017.5		Rythmic™ holder with Pole Clamp  KS5.01.430.3		Pole Clamp Rythmic™ 500/501  KS5.01.524.3

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