## References
KP5.04.188.2 Rythmic™ Perf +  
KP5.04.274.2 Mini Rythmic™ Perf+  
KP5.04.287.1 Rythmic™ Perf+ w. permanent key

## Delivery modes
- Continuous  
- Volume/time or Volume/rate  
- Auto ramp  
- Intermittent  
- 25 steps

## Flow rate and Accuracy
0.10 to 400ml/h @+/- 5% (2 decimal places in V/T and Auto ramp modes)

## Programming Units
- Concentration: ml/mg/µg  
  - 0.1 to 99.9 mg/ml and 0.1 to 999.9 µg/ml

## Programmable infusion time
1 min to 199h59

## Auto ramp, up and down time
0 min to 9h59

## Volume to infuse
1 to 9999 ml

## Special functions
- Early taper down  
- Delayed start (up to 24 hours)  
- Mandatory priming (enabled, warning only, disabled)  
- Automatic priming with the pump  
- Lockable keyboard

## Therapy monitoring
- Ready to connect to www.micrelcare.net for therapy monitoring through the web.  
- History Plug & Play printout and downloads on PC or via Micrelcare™

## KVO
0.1 to 20.0 ml/h

## Automatic restart after occlusion release
Yes

## Occlusion limits
3 levels: low= 7psi (0.5 bar), medium=13psi (0.9bar), high=18.8psi (1.3 bar)

## Safety features
- Air in line eliminator, free flow protection, lockable protective covers for drug container

## Alarms & warnings
- Upstream and Downstream Occlusion, near end (in time or volume) and end of infusion, low and depleted battery, open mechanism, KVO, incorrect programmed rate, preventive maintenance warning

## Power supply and autonomy
- 9V alkaline: 7 days 2ml/hr

## Preventive maintenance
- Every 2 years

## Weight with battery
- KP5.04.188.2 Rythmic™ Perf + : 335g  
- KP5.04.274.2 Mini Rythmic™ Perf+ : 300g  
- KP5.04.287.1 Rythmic™ Perf+ w. permanent key : 335g

## Dimensions
- KP5.04.188.2 Rythmic™ Perf + : 130 mm x 133 mm x 46 mm  
- KP5.04.274.2 Mini Rythmic™ Perf+ : 130 mm x 75 mm x 46 mm  
- KP5.04.287.1 Rythmic™ Perf+ w. permanent key : 130mm x 133 mm x 46 mm
### DEHP free set range

<table>
<thead>
<tr>
<th>Rythmic™ Administration Set range for Rythmic™ Perf + Systems</th>
<th>Spike Set S</th>
<th>Spike Set S Y</th>
<th>Valve Extension Set with filter 0.2 um</th>
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<tbody>
<tr>
<td>Mini Full Set 100 mL KE1.EE.177.9</td>
<td>KM1.EE.155.9</td>
<td>KM1.EE.187.9</td>
<td>KM1.EE.220.1</td>
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<td>Full Set 200 mL KE1.EE.185.9</td>
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<td>Y Mini Full Set 100 mL KE1.EE.195.9</td>
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<td>Spike Set KM1.EE.099.1</td>
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<tr>
<th>Accessories For Rythmic™ Perf+ Systems</th>
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<td><strong>Carrying bag for Rythmic™</strong>&lt;br&gt;KM1.YY.415.2</td>
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<td><strong>Carrying bag 500 ml for Rythmic™ and IP Connect</strong>&lt;br&gt;KM1.YY.318.2</td>
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<tr>
<td><strong>Mini Rythmic™ Bag 500 ml</strong>&lt;br&gt;KM1.YY.365.1</td>
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<tr>
<td><strong>Mini Rythmic™ Bag</strong>&lt;br&gt;KM1.YY.400.1</td>
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<tr>
<td><strong>Disposable Carrying bag for Mini Rythmic™</strong>&lt;br&gt;KM1.YY.566.1</td>
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<tr>
<td><strong>Banana carrying bag 200 ml for Mini Rythmic™</strong>&lt;br&gt;KM1.YY.506.2</td>
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<tr>
<td><strong>IP Connect Pack nc</strong>&lt;br&gt;KP5.04.259.2</td>
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<tr>
<td><strong>Micrel Power Adaptor nc (Available also UK and USA Nema)</strong>&lt;br&gt;KS5.01.619.4</td>
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<tr>
<td><strong>Pole Clamp mini Rythmic™</strong>&lt;br&gt;KS5.04.017.5</td>
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<td><strong>Rythmic™ holder with Pole Clamp</strong>&lt;br&gt;KS5.01.430.3</td>
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<tr>
<td><strong>Carrying bag for Mini Rythmic™ 500 ml</strong>&lt;br&gt;KM1.YY.563.1</td>
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