

## Granumix

Mixing device for the dissolution of Granudial® dry concentrate



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The Granumix 107S and 507S concentrate mixers have been designed for the in-house preparation of liquid concentrates in 100 and 500 litre batches. The units provide a reliable, safe and consistent quality of liquid concentrate.

## Quality

- The quality of the concentrate solution is achieved by combining quality controlled components,
- Fresenius Granudial® dry concentrates are CE certified and pre-packed, in standard mixing ratios,
- RO permeate according to the standards of the European Pharmacopoeia (solutiones ad haemodialysim).

## Simple, safe and secure operation

- Initiate start-up routine and partially fill with RO permeate,
- Add Granudial® and the remaining RO permeate, (automatic level control),
- Take a sample and include a test for density and pH,
- Transfer the concentrate to either canisters or a storage tank,
- Clean, disinfect (bicarbonate) and rinse out the unit ready for the next production batch,
- The whole operation typically takes from 90–180 minutes depending on the size of mixer and RO permeate temperature.

## Economical Operation

- Less storage and stock holding compared with individual canisters,
- Less packaging and disposal,
- More benefits when used with the Fresenius CDS 08 central Concentrate Distribution System.



Granumix 107S



Granustore



Granutest



Granudial®

Technical data		(Medical device CE certified)
<b>Granumix 107S</b>		<b>Art. No. 508 924 1</b>
Volume	100 L	
Dimensions	1,310 mm × 1,220 mm × 600 mm (h × w × d)	
Weight	empty 77 kg, filled 195 kg	
Tank material	HDPE	
Power supply	220 V, 50 Hz, 16 A	
<b>Granumix 507S</b>		<b>Art. No. 508 882 1</b>
Volume	500 L	
Dimensions	1,600 mm × 1,600 mm × 980 mm (h × w × d)	
Weight	empty 150 kg, filled 747 kg	
Tank material	HDPE	
Power supply	220 V, 50 Hz, 16 A	
<b>Granustore</b>		<b>Art. No. 618 934 1</b>
Volume	250 L	
Dimensions	670 mm × 1,020 mm × 600 mm (h × w × d)	
Weight	empty 21 kg, filled 270 kg	
Material	PP	
<b>Granutest</b>		<b>Art. No. 631 928 1</b>
Case content: 3 hydrometers, pipette, graduated cylinder, gloves, protective goggles, pH-sticks, KI-paper		
Technical data subject to change		



Fresenius Medical Care