

**Q500 Plus**

## **Diuresis Measuring System**

**Fluid Management**

Expert Solutions Improving Patient Care

Q500 Plus

## Designed to prevent infections

In-vitro study results have demonstrated that top-mounted urine meters are helping to prevent retrograde infection more effectively than traditional devices with a front-mounted chamber.<sup>1,2</sup>

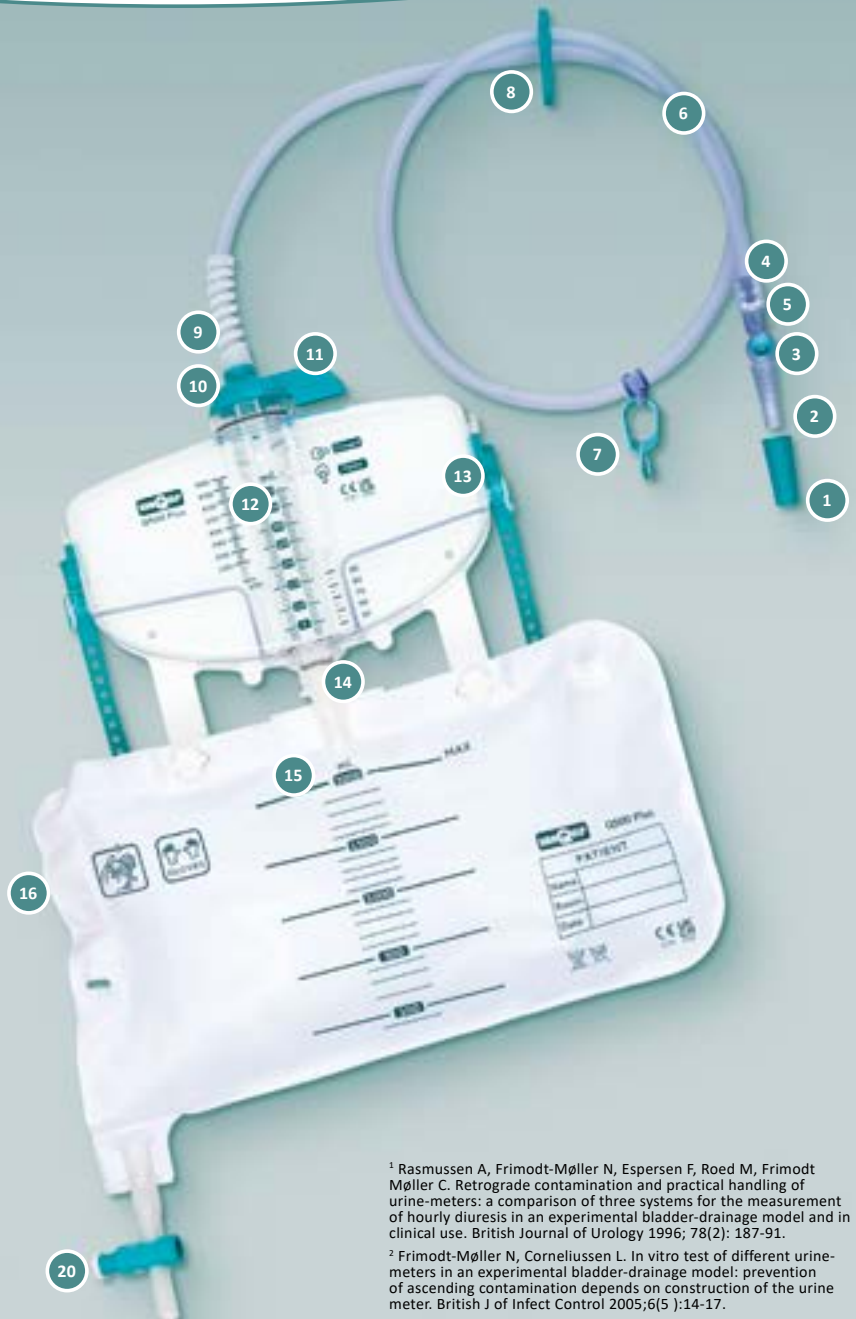
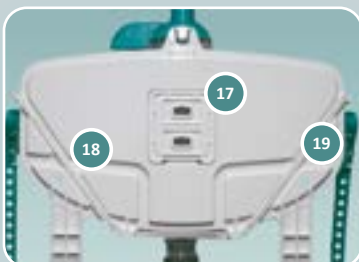
The Q500 Plus is a top-mounted system, which, in addition, is equipped with two independent

Non-Return Valves helping to further minimise the risk of retrograde contamination.

Moreover, the system includes multiple features helping to provide accurate urine measurement for all patients, even for low volumes, during transportation and for various bed types.



1. Protective cap
2. Ridged, transparent connector
3. Needle-free sampling port
4. First Non-Return Valve
5. Thumb-grip
6. Double-Lumen Tubing
7. Sheet clamp
8. Tube sliding clamp
9. Anti-kink spiral
10. Hydrophobic vent filter
11. Easy-open tap
12. Fine-measuring chamber
13. Large chamber with white backing
14. Bayonet bag connector
15. Second Non-Return Valve
16. Vented collection bag
17. 2-level hook attachment
18. Hanging cord
19. Hanging straps
20. Large bottom outlet with two stoppers



<sup>1</sup> Rasmussen A, Frimodt-Møller N, Espersen F, Roed M, Frimodt Møller C. Retrograde contamination and practical handling of urine-meters: a comparison of three systems for the measurement of hourly diuresis in an experimental bladder-drainage model and in clinical use. *British Journal of Urology* 1996; 78(2): 187-91.

<sup>2</sup> Frimodt-Møller N, Corneliusen L. In vitro test of different urine-meters in an experimental bladder-drainage model: prevention of ascending contamination depends on construction of the urine meter. *British J of Infect Control* 2005;6(5):14-17.

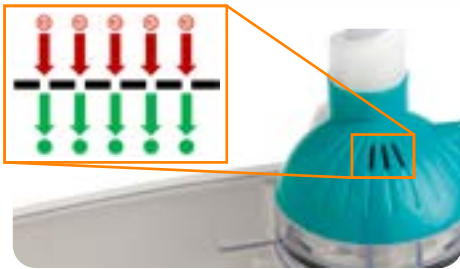
Q500 Plus

## Key Safety Benefits



### Two Non-Return Valves (NRV)

The first NRV positioned behind the sampling port (see above illustrations) prevents residual urine from returning in the direction of the bladder. A second Non-Return Valve in the bag prevents fluid reflux back into the chamber.



### Closed-system with efficient venting

The large-surface hydrophobic bacteria filter enables efficient low-risk venting of the measuring chamber.



### Preservation of fine measurement

The measuring chamber design prevents loss of fine measurement when the system is placed on the bed, e.g. during patient transport.



### Reliable tube emptying

The Double-Lumen Tube with Non-Return Valve ensures reliable emptying into the chamber without backflow to the patient.



### Fast and precise measuring

The well-defined, dark coloured scaling against the white background allows precise and quick measurement down to 1 ml of volume.



### Reduced system length

The system is designed to maximise the distance between the collection bag and floor, reducing the risk of contamination – even in direct comparison to front-mounted systems.

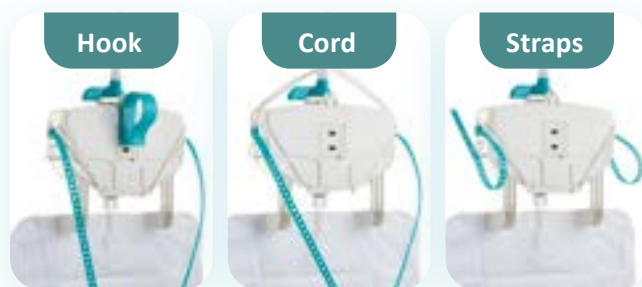


### Anti-kink spiral/Needle-free port

An integrated anti-kink spiral reduces the risk of blockage and urine stasis. The needle-free sampling port effectively prevents needle-stick injuries.

### Flexible hanging options for use on all bed types

Multiple hanging options enable quick attachment for use on all bed types.



### Exchange bag option

- Two exchange bag options: 2.0 and 3.5L
- Bayonet connector supports a splash-free disconnection
- The bottom outlet ensures an easy and controlled emptying



## Ordering Information

Reference	Description	Box Quantity
<b>Q500 Plus Diuresis Measuring System with T-Tap Outlet</b>		
15810041	1.1m tube, 2.0L bag, Hanging straps, Needle-free sample port (Luer)	10
15810121	1.5m tube, 2.0L bag, Hanging straps, Needle-free sample port (Luer)	10
15810131	2.0m tube, 2.0L bag, Hanging straps, Needle-free sample port (Luer)	10
15910041	1.1m tube, 2.0L bag, Hanging straps, Round Hook, Needle-free sample port (Luer)	10
15910121	1.5m tube, 2.0L bag, Hanging straps, Round Hook, Needle-free sample port (Luer)	10
15910131	2.0m tube, 2.0L bag, Hanging straps, Round Hook, Needle-free sample port (Luer)	10
15920121	1.5m tube, 2.0L bag, Hanging straps, Hanging cord, Needle-free sample port (Luer)	10
15810015	1.5 m tube, 2.0L bag, Hanging straps, Needle-free sample port (Luer Lock)	10
15910015	1.5 m tube, 2.0L bag, Hanging straps, Round Hook, Needle-free sample port (Luer Lock)	10
<b>Q500 Plus Diuresis Measuring System with Use-Once Bottom Outlet</b>		
15810101	1.1m tube, 2.0L bag, Hanging straps, Needle-free sample port (Luer)	10
15810061	1.5m tube, 2.0L bag, Hanging straps, Needle-free sample port (Luer)	10
<b>Exchange Bags for Q500 Plus Diuresis Measuring System</b>		
15840101	2.0L Change bag with T-Tap Outlet	100
15820101	2.0L Change bag with Use-Once Outlet	100
15830101	3.5L Change bag with Use-Once Outlet	100
<b>Optional hooks for Q500 Plus Diuresis Measuring System</b>		
16010021	Round hook	250
16010031	Square hook	250

With reservations for misprints and alterations in product specifications. Printed version not controlled.

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MEDICAL EQUIPMENT