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1x 2000ml Drainage Bag pre-connected to **500ml Urine Meter**

# SINAPI

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## urimeter

For the hourly collection and monitoring of fluid drained from the bladder

### INSTRUCTIONS FOR USE

**DESCRIPTION**

The non-invasive SINAPI Urine Meter (SUM) is intended for use, in conjunction with an inserted urine catheter, in any patient requiring strict monitoring of urine output, e.g. in post-operative and critically ill patients. It is a sterile, single use medical device intended to drain and collect fluid from the bladder. The Sinapi urine meter is manufactured from polymers with hydrophobic properties. In the rigid container, collected fluid is measured and recorded hourly (device volumes are approximate). Thereafter this container is emptied into the larger collection bag and fluid from the next hour is collected.

**SET UP AND MAINTENANCE**

1. Use the hooks to hang the urine meter on the bed frame.
2. Obtain urine samples from the rigid container by collecting urine in a jug (or by using a luer lock syringe) FIG (1). Rotate tap anti-clockwise to open and clockwise to close.
3. Empty the contents of the rigid container into the bag by lifting the bottom of the container into a horizontal position so that the urine flows through the opening FIG (2).
4. Observing universal precautions, drain the bag by rotating its tap anti-clockwise to open. Rotate clockwise to close FIG (3).
5. Obtain urine samples from the needle free sampling port in the catheter connector by swabbing the port surface with an alcohol swab. Insert the luer slip syringe into the port and draw up the required sample volume. Remove the syringe FIG (4).

**COMPLICATIONS**

Although urinary tract infections (UTI) are associated with urine catheter contamination, whether during insertion or management; with long-term catheterization, urine meters may also become a source of infection due to biofilm formation.

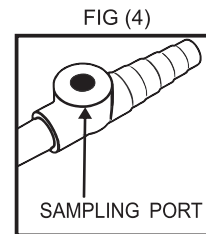
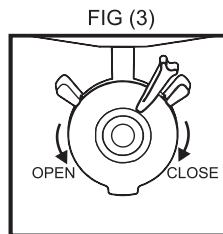
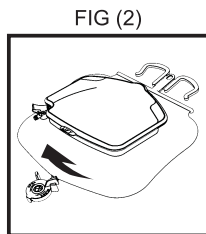
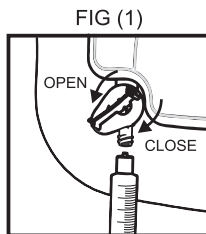
**CONTRA-INDICATIONS**

SUMs are used in conjunction with urine catheters; therefore contra-indications are the same as for urine catheter, e.g. urethral trauma.

**CAUTIONS AND WARNINGS**

- Only appropriately trained personnel may use this device.
- Needles will damage the needle-free port and must not be attached to syringes in order to collect samples from the needle-free port.
- Aseptic technique must be used when obtaining urine samples.
- The drainage system must remain below the level of the bladder.
- Tension on the urine catheter must be avoided by securing the drainage system to the patient's upper leg.
- Ensure unobstructed urine flow by preventing kinks in the tubing of the drainage system.
- The tap of the urine collection bag must not touch the floor.
- Observing Universal Precautions, discard the SUM in a medical waste container, in accordance with the Waste Management policy of the health care facility.
- NOTE: Any serious incident that occurs in relation to the device should be reported to the manufacturer and the competent authority of the Member State in which the user and/or patient is established.

NOTE: Device volumes are approximate.



CAUTION: Federal law restricts this device to sale by or on the order of a physician.

MANUFACTURED IN SOUTH AFRICA

STERILE

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**SINAPI biomedical (Pty) Ltd.**  
 ARC Infruitec North Campus  
 Lelie Road, Stellenbosch, 7600, South Africa  
 Tel: +27 21 887 5260 Fax: +27 86 617 3296  
 email: sales@sinapibiomedical.com

Use by

LOT

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REP

mdi Europa GmbH Langenhagener Str. 71 D-30855 Hannover-Langenhagen

