

# IGG

ایده گستر قدرت



## B1 Urine Meter (Wearable Real-time Urine Volume Monitor)

### Easy to use >>>>>

It can be attached to the lower abdomen and connected to the mobile phone with Bluetooth, continuously and automatically measure urine volume and upload data, without frequent manual measurement and recording.

### Good real-time performance >>>>>

Real-time monitoring, automatic alarm to remind the urinary catheterization in time

### High accuracy >>>>>

Three multi-elements phased array ultrasonic probes are monitored simultaneously

### Compact and light >>>>>

Matchbox size, only 70g, super light weight when wearing

*New generation bladder scanner  
Real-time automatic measurement  
more convenient and timely*



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### Product introduction:

B1 Urine Meter (wearable real-time urine volume monitor) is a new generation of bladder detector. The product is small, convenient to use, and can automatically measure urine volume in real time, so that patients who lose the sense of urinary distension can be reminded to conduct catheterization in time when the urine is full to avoid damaging the bladder. Many elderly people and patients after surgery and anesthesia have demand for it.

And the record of continuous changes in urine volume can be used as a basis for clinical diagnosis and treatment in many aspects, It is widely needed in clinical departments such as urology.

For medical staff, it is no longer necessary to manually detect the urine volume of patients frequently, which greatly reduces the workload.

### Working principle:

Just attach the B1 Urine Meter to the lower abdomen and connect it to the mobile phone or tablet via Bluetooth. The three multi array phased array probes at the bottom of the B1 Urine Meter will continuously scan the bladder to automatically measure urine volume and upload the data to the APP on the mobile phone/tablet. If the urine volume is detected to be full, patients and medical staff will be informed to come for catheterization in time through self vibration and APP prompts, and appropriate catheterization capacity can be determined according to the detected urine volume.



### Nursing Work Station:



#### Track multiple patients

APP can track multiple patients/residents on a single screen so you know which patients need toileting care.



#### Record care activities

Care providers can record time and types of toilet care provided for each urethral catheterization.



#### Detailed analysis

The Station can show patients'/residents' urination timings at a glance using a chart.



#### Remote monitoring

Access patient/resident data remotely via Internet enabled devices including smartphones, tablets and laptops.

### Product Specification:

Number of signal processing channels: 32 channels

for medical use, 16 channels for home use

Size: 60mmx50mmx20mm

Weight: 70g

Battery Life: about 26 hours(fully charged in 4 hours)

Monitoring Depth: 300mm

Monitoring Capacity Range: 10ml-2000ml



### What are the benefits?

Benefits for Care Providers	Benefits for Patients
<b>Efficient Care</b> Reduce the amount of overall care time provided	<b>Improved Quality of Living</b> Better and more timely care, physical and mental health
<b>Cost Reduction</b> Reduction in cost of diapers and pads used	<b>More Confidence</b> Less worry about body and feel more confident about health
<b>Improved Quality of Care</b> Remind care providers to provide timely care	<b>Better Family Communication</b> The patient's family members can inquire the records at any time to know the nursing situation
<b>Improved Patient Relationships</b> Care providers can provide timely and needed care, to obtain greater satisfaction of patients	<b>Independent Lifestyle</b> Master the urine volume, better control the time of going out and other activities

### Widely used in hospital:

Surgery, hocus section, ICU, urine section, women and lay section, orthopedics, nerve medicine, child section, healing section.

### Latent application area:

Appertain area, Uric incontinence guide, SCIMS, Mentality healing institution, Resthome.

### Family tend:

SCIMS, Community medical center, Family and community doctor.

