

# Table of Content

1. Summary.....	3
2. Work Condition.....	3
3. Main Technical Specification.....	3
4. Measurement and weight.....	4
5. Assembly.....	4
6. Interpretation of the display of LCD.....	5
7. Instruction.....	7
8. Trouble shooting.....	7
9. Attention.....	7

## Summary

Shine prepaid water meter is the new measuring instrument employing the microprocessor to realize water collection, processing, display, and reserving. This meter features small dimensions, light weight, low power consumption, high accuracy, anti-jamming, high reliability, easy installation and maintenance, battery replaceable, the best choice for realizing intelligent control by most of tap water administrative bureaus, ideal for enhancing public awareness of saving water.

## Work conditions

- operation temperature:  $\leq 40$
- nominal pressure:  $\leq 1.0$  MPa
- pressure loss:  $\leq 0.1$  MPa
- humidity:  $< 93\%$

## Main Technical Specification

Meter Size		overload Flow	Nominal Flow	Transitional Flow	Min Flow	Min Measuring Unit	Max. Measuring Unit
(mm)	Class	$m^3/h$		l/h		$m^3$	
LXSE-15	B	3	1.5	120	30	0.0001	99999
LXSE-20	B	5	2.5	200	50	0.0001	99999

### Maximum Permissible Error:

From the minimum flow-rate ( $q_{min}$ ) inclusive to the lower zone of the transitional flow-rate ( $q_t$ ) exclusive:  $\pm 5\%$

From the transitional flow-rate ( $q_t$ ) inclusive to the higher zone of the maximum flow-rate ( $q_{max}$ ) exclusive:  $\pm 2\%$ .

The ceramic valve have these merits: not easily blocked by furr, save Power Consume, against corrosion, against leakage and small abrasion.

### Measurement and weight

Model	long	broad	high	Connecting	Weight
specifications	(L)	(B)	(H)	thread	(kg)
LXSE(R)Z-15E	190mm	80mm	105mm	G3/4	1.6
LXSE(R)Z-20E	195mm	80mm	105mm	G1	1.8

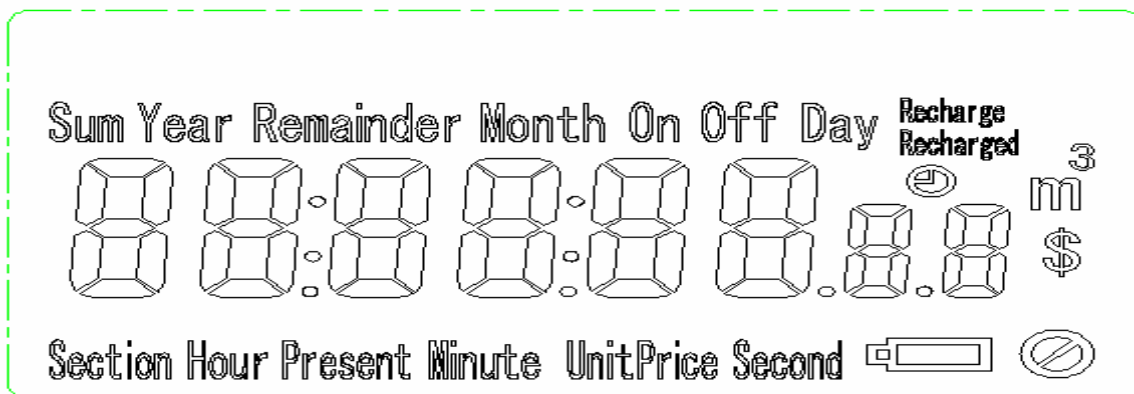
### Assembly

1. The water meter should be installed in a position where there is clean and dry and no direct sunshine or pollution or drowning.
2. The water meter should be installed horizontally, and the LCD should be upward.






3. Water flow must go with the same direction as indicated on the body of the water meter.
4. When assemble, the valve in front of water meter should be closed..
5. When assemble, the valve in front of water meter should be closed.
6. The water meter should be connected to the couplings first, and not directly to the water pipe.

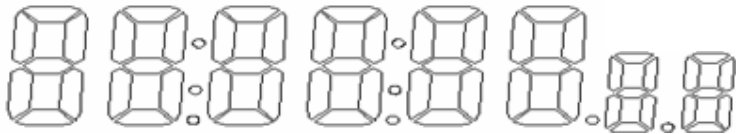
Extra parts include couplings and nuts.

## Interpretation of the display of LCD



1. If the display shows “**Sum**”, which means Accumulation of water meter.
2. If the display shows “**Year, Month, Day**”, which mean The current date.
3. If the display shows “**Remainder**”, which means the usable remaining water quantity.
4. If the display shows “**On**”, which means valve for the meter opened.
5. If the display shows “**Off**”, which means valve for the meter closed.

6. If the display shows “Recharge”, which means you need to buy more water.
7. If the display shows “Recharged ”, which means Recharge water meter has been correctly.
8. If the display shows“ ”, which means the Meter valve is Bad, please contact what supply department.
9. The symbol“  ” is the water units.
10. The symbol“  ” is money units.
11. If the display shows“ ”, which means the water meter has been attacked by Magnet.
12. If the display shows“ ”, which means the battery is low. Please contact what supply department. Otherwise the valve will be closed automatically.
13. If the display shows“ Hour , Minute , Second”, which mean The current time.
14. If the display shows“ UnitPrice”, which means the current meter price.
15. If the display shows“ Present”, which means this month's water consumption.
16. If the display shows“ Section”,which means the Steps and ladders price。

17. the Arabic numerals“  ”.These Arabic numerals and symbols above used in conjunction.

## **Instruction**

1. The valve inside the water meter is closed when installed, you can not use water instantly. Please close all faucets behind it and Put the new Pay Card closer to the Induction area, the valve will be opened automatically.
2. When the remainder of water is less than the Alarm Quantity. LCD will show “Recharge “.it is time to buy water. Put the Card closer to the Induction area, the valve is opened, you can continue using the remainder. Please buy water quickly.

When the remainder of the water is less than the Overdraft Amount, the valve for water will be closed automatically and stop supplying water. Please buy water at Water Supply Department.


## **NOTES:**


1. The value of “Alarm Quantity” and “Overdraft Amount” are determined by Water Supply Department.
2. You may use oneself card to inquire oneself water meter's information.

## **Trouble shooting**

1. If not read card
  - (1) The card is not properly set.
  - (2) The card has not been correctly placed.
  - (3) The wrong card.
2. If no water supplied
  - (1)Water has been stopped or low pressure, please contact Water Supply Department.

(2) If the display shows “ **Recharge** ”, please buy water at Water Supply Department.

(3) If the display shows” ”, please contact Water Supply Department.




(4) If the display shows” ”, which means the battery is low. Please contact Water Supply Department.

## **Attention**

1. Before Putting the Card closer to the Induction area, turn off all faucets behind the water meter.

2. In correctly way, to Put the Card closer to the Induction area.

3. Take care of the card .if you lost the card, please contact Water Supply Department quickly.

4. LCD shows “”or ” ”、 ” ”, please contact Water Supply Department quickly.

5. LCD shows “ **Recharge** ”, please buy water at Water Supply Department quickly.

6. Don't destroy the water meter please.