

LOWBATT



ELECTRODE



TROUBLESHOOTING

In the power on state, first press and hold the hold / temp key and mode / CAL key at the same time, and do not release them in the middle. After the screen displays "del", release all keys to restore the factory setting.

Attention

1. It has been calibrated by factory, use it directly.
2. After finished, clean the electrode with pure water and keep it dry.
3. Stir gently several times to ensure no air bubble around the electrode.
4. Don't disassemble the meter without permission to avoid damage.
5. Keep it dry.
6. If pH calibration is wrong, please reset.
7. It is a normal phenomenon for H₂ rich hydrogen, PH acid-base, ORP negative potential, etc. to display disorderly values in the air.

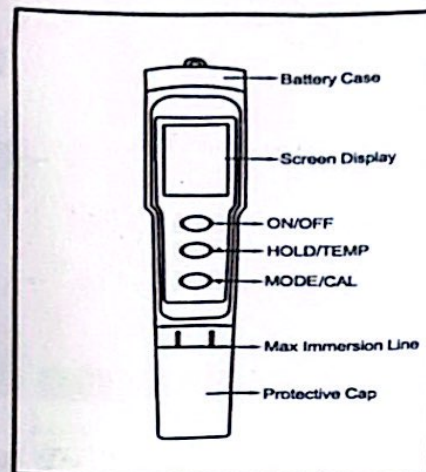
Warranty

The meter is warranted to be free from defects in material and workmanship for a period of three years from the date of purchase. The warranty covers normal operation but doesn't cover Man-made damage. Proof of purchase is required for warranty repairs. Warranty is void if the meter used to be taken apart.

Return Authorization

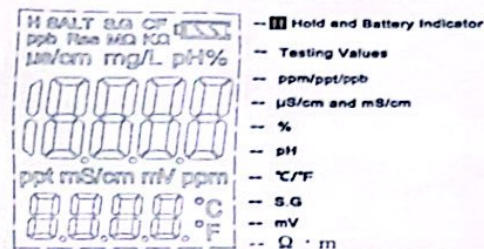
Authorization must be obtained from the supplier before returning items for any reason. When requiring a return authorization, please include data regarding the defective reason, the meter is to be returned along with good packing to prevent any damage in shipment and insured against possible damage or loss.

OPERATION MANUAL PEN TYPE WATER QUALITY METER



■ pH-03/618/K13	pH/TEMP
■ S-100	TDS/EC/SALT/TEMP
■ EZ9901/986	TDS/pH/TEMP
■ EZ9902/983	EC/pH/TEMP
■ EZ9908/686	TDS/EC/pH/TEMP
■ EZ9910	TDS/pH/ORP/EC/TEMP
■ EZ9909SP	TDS/EC/pH/SALT/TEMP
■ C-200/YY400	pH/H ₂ /ORP/TEMP
■ YY-100H	H ₂ /TEMP
■ C-600	H ₂ /TDS/EC/pH/SALT/S. G/ORP/TEMP
■ JQ-006	H ₂ /TDS/EC/pH/SALT/S. G/ORP/TEMP
■ Ω · m / fertile	
■ ORP169E/ORP-100	

SCREEN DISPLAY

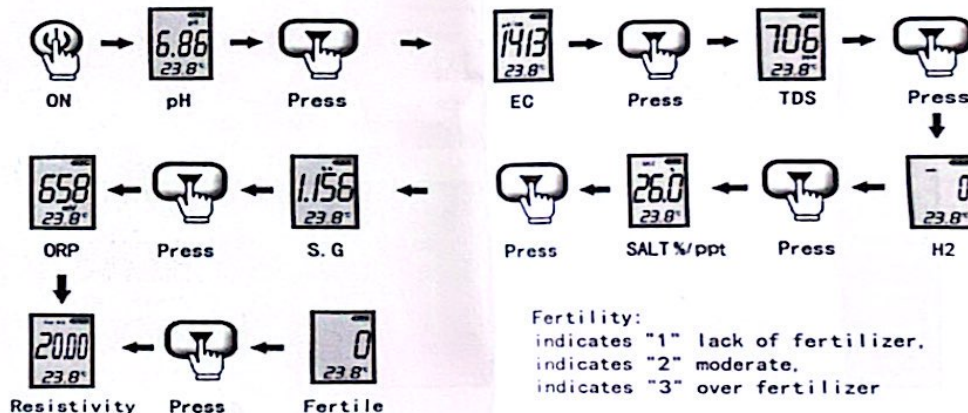


OPERATION

HOLD/TEMP.SHIFT

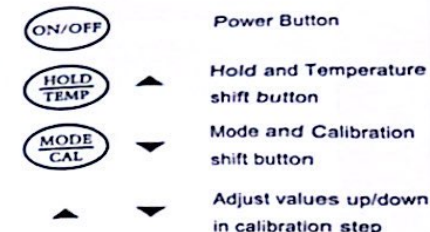


MODE SHIFT



Fertility:
indicates "1" lack of fertilizer,
indicates "2" moderate,
indicates "3" over fertilizer

BUTTON



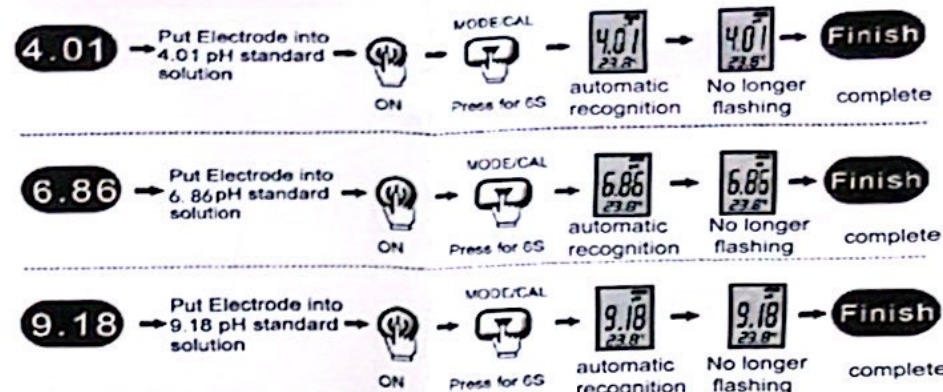
Long press and hold the HOLD/TEMP key for five seconds.

Can convert display of Fahrenheit and Celsius degrees

PARAMETER

ITEM	pH-03	EZ-9901	EZ-9902	EZ-9904	EZ-9910	EZ-9909SP	ORP167E	TY-400	J9-006	C-600	S-100
pH						Range: 0.05-14.00pH Resolution: 0.01pH Accuracy: ±0.05pH					
TDS						Range: 0-20000ppm, 10.1-200.0ppm (10.1-100.0ppm is effective range) Resolution: 1ppm, 0.1ppm Accuracy: ±2% F.S.				Range: 0-20000ppm, 10.1-200.0ppm (10.1-100.0ppm is effective range) Resolution: 1ppm, 0.1ppm Accuracy: ±2% F.S.	
EC						Range: 0-20000µS/cm, 10.1-10.00mS/cm (10.1-200.0µS/cm is effective range) Resolution: 1µS/cm, 0.1mS/cm Accuracy: ±2% F.S.				Range: 0-20000µS/cm, 10.1-10.00mS/cm (10.1-200.0µS/cm is effective range) Resolution: 1µS/cm, 0.1mS/cm Accuracy: ±2% F.S.	
SALINITY						Range: 0-20000ppm, 10.1-10.00ppt (10.1-200.0ppm is effective range) Resolution: 1ppm, 0.1ppt, 0.01% Accuracy: 0.01%-0.05% (±0.1%), 0.1%-2.00% (±1%), ±2% F.S.				Range: 0-20000ppm, 10.1-10.00ppt (10.1-200.0ppm is effective range) Resolution: 1ppm, 0.1ppt, 0.01% Accuracy: 0.01%-0.05% (±0.1%), 0.1%-2.00% (±1%), ±2% F.S.	
ORP						Range: ±1999mV Resolution: 1mV Accuracy: ±2mV				Range: ±1999mV Resolution: 1mV Accuracy: ±2mV	
HL										Range: 0-10000ppb Resolution: 1ppb Accuracy: ±3.15ppb ±0.01ppm	
S.G										1.000-1.222	
Q · m										10.0-20.0	
Fertile										0-3	
Temperature						ATC: 0-40°C					
Calibration						EC: (141µS/cm, 12.88mS, 111.8µmS) — Press the hold / temp key to increase the value and the mode / CAL key to decrease the value — If the value can't identify the solution, change the electrode or contact supplier				EC: (141µS/cm, 12.88mS, 111.8µmS) — Press the hold / temp key to increase the value and the mode / CAL key to decrease the value	
Waterproof Level	IP68	IP68	IP68	IP68	IP67	IP67	IP67	IP67	IP67	IP67	IP67
Operation Environment	0-40°C (32-104°F), RH100%					Battery	3*1.5V(LR44)				
TDS Factor	8.8					Screen Size	2.8" 16mm				
Temperature Range	0-40°C/32-104°F					Dimension Weight	103*57*37mm(7.2*4.3*2.3in)/90g(3.2oz)				
Temperature Accuracy	±0.5°C					Display	LCD Digital Display				
Temperature Resolution	1°C/1°F					Backlight	Backlight is optional				
Automatic Shut-off	5 minutes					Attention	Clean the electrode after using				

pH CALIBRATION



CALIBRATION (EC/TDS/SALT)

