

Water Quality and Temperature Checker



Model no.: MS-90A1



Model no.: MS-90B1

Introduction

Drinking clean water is always good for your health. So, make sure you always drink good quality water. Regular check by MS-90A1 / MS-90B1 Water Quality Checker to ensure the performance of your water or water filter. The lower the TDS level in the water, the more efficiently your body cells actually get hydrated by the water you drink.

Note : TDS, Total dissolved Solids, are the total weight of all solids (minerals, salts or metals) that are dissolved in a given volume of water, expressed in milligrams per liter (mg/L), or in parts per million (ppm)

Advance features

- Single button operation for testing:
 - a) Mineral / ground / tap / distilled / filter water
 - b) Ambient temperature (°C/°F)
 - c) Water temperature (°C/°F)
- TDS (Total Dissolved Solid) in ppm units
- Quality of water shown in five different facial display
- Audible tone rate beeps faster according to the measuring reading increases (5 tones level)
- Auto power off after 30 seconds
- Compact in size, easy to carry

Technical specifications

- Battery powered : 1x3V (CR2032 Lithium coin type)
- Measuring range : 0-1000 ppm
- Resolution: 1ppm (0-100ppm), 10ppm (101-1000ppm)
- Accuracy : ± 2 ppm
- Temperature measurement (Air/Water): 0°C ~ 105.°5C (32°F ~ 221.°9F)
- Temperature measurement resolution: 0.5°C
- Five different facial display indication










- Five different audible tones
- Low battery indication: 2.6VDC approx.
- Operating temperature: 0°C ~ 40°C (32°F~ 104°F)
- Storage temperature: -10°C ~ 50°C (14°F~ 122°F)
- Product dimension (LxWxH) : 75x45x19mm
- Product weight (without battery): 37g .. for model MS-90A1

How to Use

- Fill up water to the container, DO NOT IMMERSE the meter.
- Press and hold the power button for 3 seconds with beep sound and observe the reading
 - a) If necessary, press once to re-check again
 - b) After power 'ON', press and hold for 3 seconds to check the temperature of the water. Toggle the press button once to change the unit from 'C' to 'F'. Another 3 seconds press button turns the meter to water quality check mode.
 - c) For ambient temperature measurement, do not fill water inside the container. Press and hold for 6 seconds after power ON to enter temperature measurement mode.

- Note :
- 1) Meter turns 'OFF' automatically after 30 seconds
 - 2) Please keep the temperature and water sensor clean
 - 3) Split the water off from the container when not in use
 - 4) For accurate results, water must fully cover the sensor

Reference TDS reading for quality drinking water (for reference only):

Description	Distilled Water	Reverse osmosis water	Mineral water	Tap water	Ground water	Renew/Clean Filter
TDS (ppm)	0~1	2~30	40~120	50~250	200~600	>700
Facial on LCD screen				 / 	 /  / 	
Buzzer sound	Slow	Slow	Slow	Slow/Fast	Fast	Faster