

# STALWART

## Benchtop Conductivity Meter SCM-72



## Introduction

Measuring range: Conductivity: 0.00 $\mu$ S/cm-200.0mS/cm, TDS:(0 ~ 100)g/L, Salinity:(0 ~ 100)ppt, Resistivity:(0 ~ 100)M $\Omega$ ·cm, Resolution: 0.01/0.1/1 $\mu$ S/cm; 0.01/0.1mS/cm, Accuracy: Electrode:  $\pm$ 1.0% FS, Meter:  $\pm$ 1.5% FS

## Features

1. 6.5-inch LED screen with concise and friendly-use interface.
2. Built-in microprocessor chip has Intelligent functions such as automatic calibration, ATC, data storage, clock display, USB output, function settings, wireless printing, and self-diagnosis information, etc.
3. It supports wireless bluetooth printing. Real-time data transfer to mobile phone via bluetooth is optional.
4. Smart electrode status display to ensure accurate use.
5. Adopt advanced conductivity measurement technology, with conductivity electrode (K=1), it can meet measuring accuracy requirement for range of 0.5 $\mu$ S/cm ~ 200mS/cm.
6. Ability to switch among conductivity, TDS, salinity and resistivity. Multinomial calculation for TDS and salinity to ensure the conversion precision of the full range.
7. With ATC conductivity electrode, Its measurement result is fast and precise.
8. Omron long lasting and light touch key can be used more than 100,000 times.
9. Auto recognition of 8 conductivity standard solution with 2 kinds of options: Europe & USA, and China.
10. Can store 1000 sets of test data, which can be saved and transferred to USB memory stick and opened with Excel.



## Specification

Model:		SCM-72
Conductivity	Measurement range	Conductivity:
		(0.00~20.00) $\mu$ S/cm
		(20.0~200.0) $\mu$ S/cm
		(200~2000) $\mu$ S/cm
		(2.00~20.00)mS/cm
		(20.0~200.0)mS/cm
		TDS:(0 ~ 100)g/L
		Salinity:(0 ~ 100)ppt
	Resistivity:(0 ~ 100)M $\Omega$ ·cm	
	Resolution	0.01/0.1/1 $\mu$ S/cm; 0.01/0.1mS/cm
	Accuracy	Electrode: $\pm$ 1.0% FS, Meter: $\pm$ 1.5% FS
	Temp. compensation range	(0 ~ 50) $^{\circ}$ C, Auto
	Electrode constant	-1, 0.1 / 1 / 10 cm
	Reference Temp.	25 $^{\circ}$ C, 20 $^{\circ}$ C, 18 $^{\circ}$ C
Temperature	Range	(-10 ~ 110) $^{\circ}$ C
	Resolution	0.1
	Accuracy	5 ~ 60 $^{\circ}$ C: $\pm$ 0.5 $^{\circ}$ C others: $\pm$ 1.0 $^{\circ}$ C
Other Parameters	Display	6.5-inch LED screen
	Data storage	1000 sets
	Power	12V (110-220, 50-60Hz adapter)
	Communication interface	USB, RS232, Bluetooth
	Dimensions & Weight	240 $\times$ 170 $\times$ 70mm/600g
Working Conditions	Temperature	5 ~ 35 $^{\circ}$ C
	Humidity	$\leq$ 80%
	IP grade	IP54
Meter Kits	Conductivity meter	
	Electrode holder	
	Two-in-one electrode that consists of Platinum black electrode (K=1) and temperature probe.	
	Power adapter	