

Portable Conductivity meter MARK-603

MARK-603 is a portable meter for measuring conductivity (absolute and reduced to 25°C), salinity and temperature for water, including low-level conductivity in ultrapure water.

Features

- Calibrated to National standard with a certificate of calibration
- Dual automatic temperature compensation for pure water, selectable linear coefficient of compensation
- Interchangeable sensors for measurements in different ranges
- Compact waterproof (IP65) handheld meter allows use in dirty and wet environment
- Stainless steel flow-dip probe requires no calibration
- Ion-exchange column with a switch of sample stir
- Non-volatile memory up to 100 data points
- USB port and related software
- Backlit graphic LCD with adjustment of illumination. Easy input of all parameters by keypad
- Automatic turn-off with timer
- Battery lifespan up to 600 hours of work
- Introspection system



What's included: probe with cable, flow-through chamber, two AA batteries, operation manual

Order scheme	Portable Conductivity	MARK-603-			
Conductivity cell:	CS-015 (0,000 ... 2000 $\mu\text{S}/\text{sm}$, $k=0,15\text{cm}^{-1}$) -----	0	↑		
	CS-15 (0,000 ... 20,00 mS/sm , $k=15\text{cm}^{-1}$) -----	1	↑		
	one CS-015 and one CS-15 -----	2	↑		
Ion exchange column:	no -----	0	↑		
	yes -----	1	↑		
Bearing panel:	no -----	0	↑		
	yes -----	1	↑		

Specification

	Measuring range	Cell constant	Resolution	Accuracy
Conductivity, $\mu\text{S}/\text{cm}$	0,000 ... 2 000	$0,15 \text{ cm}^{-1}$	0,0001	$\pm(0,003 + 1,5\% \text{ of value})$
	0,000 ... 20 000	15 cm^{-1}		$\pm(0,05 + 1,5\% \text{ of value})$
Salinity, mg/L	0 ... 1 000		0,0001	$\pm(0,004 + 2\% \text{ of value})$
	0 ... 10 000			$\pm(0,06 + 2\% \text{ of value})$
Temperature, $^{\circ}\text{C}$	0 ... 75*		0,1	$\pm 0,3$

Dimensions: instrument only....65*130*28 mm

sensor CS-015..... $\varnothing 15*130$ mm

sensor CS-15..... $\varnothing 15*160$ mm

Weight of instrument only120 g

Power supplytwo AA-type elements or
 rechargeable batteries

*automatic temperature compensation range

- ☆ Traceable to National standard
- ☆ Included into Russian Federation State Register of approved measuring instruments
- ☆ Has the License of Russian Federation Federal Inspectorate of ecologic, technical and nuclear for use in power plants applications
- ☆ Certificated to electromagnetic compatibility
- ☆ Warranty 12 months

Scheme of the meter assembled with ion-exchange column and bearing panel:

