

# Compact Conductivity Meter CM-420



## Description

Compact Conductivity Meter CM-420 supply you with a conductivity meter. This concise-sized conductivity meter measures the conductivity with other parameters such as measuring resistivity, total dissolved solids (TDS), salinity and temperature. Delivers high-quality conductivity measurements with a simple click of a button. It holds up the automatic recognition function of conductivity standard solution, kinds of GB buffer solution as default as well as multi-calibration. Build-in advanced frequency conversion to meet the full measurement range with one electrode.

## Technical:

Model	CM-405	CM-410	CM-415	CM-420
Parameter	Conductivity/TDS/Temperature	Conductivity	Conductivity/Resistivity/TDS/Salinity/?	Conductivity/Resistivity/TDS/Salinity/Temperature
Display	LCD		7-inch touch screen	LCD
Conductivity Range	0 ?s/cm to 100 mS/cm		0 ?s/cm to 3000 mS/cm	0 ?s/cm to 199.9 mS/cm
Conductivity Resolution	-		0.001 ?s/cm	0.001 ?s/cm
Conductivity Accuracy	±0.5%(FS)	-	±0.5% FS	±0.5% FS
Resistivity Range	-		5.00?.cm to 100.0M?.cm	5.00?.cm to 20M?.cm
Resistivity Resolution	-		0.01 ?.cm	0.01 ?.cm
Resistivity Accuracy	-		±0.5% FS	±0.5% FS
Temperature Range	0.0 to 99.9?	-	-5.0 to 135.0?	-5.0 to 110.0?
Temperature Resolution	-		0.1?	0.1?
Temperature Accuracy	±0.3? ±1 bit	-	±0.1?	±0.2?
TDS Range	0 to 2000 mg/L	-	0 mg/L to 1000 g/L	0 mg/L to 100 g/L
TDS Resolution	-		0.001 mg/L	0.001 mg/L
TDS Accuracy	±1.0%(FS)	-	±0.5% FS	±0.5% FS
Salinity Range	-		0 to 8 %	
Salinity Resolution	-		0.01%	0.01%
Salinity Accuracy	-		±0.1 %	±0.1 %
Temperature Compensation	Manual/Auto 0 to 40?	Manual 15 to 35?	-	
Calibration	-		5 Points	2 Points
Certification	CE			
Storage	-		1000 set	600 set
Interface	-		RS232, USB	USB
Dimensions	300x220x90 mm		280x280x130 mm	340x270x280 mm
Weight	1.3 kg		2.5 kg	
Electrical Requirement	AC±22 220V, ±1, 50Hz		Universal power adaptor DC 24V/3A	Universal power adaptor DC 9V/800mA
Catalogue No.	7101055-02	7101060-02	7101065-04	7101070-04

<b>Shipping:</b>	2 - 3 weeks Delivery.
<b>source:</b>	-
<b>calibration:</b>	2 Points

ion_concentration_accuracy:	-
ion_concentration_range:	-
ntu_range:	-
sample_bottle:	-
sample_capacity:	-
do_accuracy:	-
do_saturation_range:	-
do_range:	-
conductivity_accuracy:	0.5% FS
conductivity_resolution:	0.001 $\mu$ S/cm
conductivity_range:	0 $\mu$ S/cm to 199.9 mS/cm
temperature_compensation:	-
mv_accuracy:	-
mv_resolution:	-
mv_range:	-
ph_accuracy:	-
ph_resolution:	-
ph_range:	-
model_type:	-
temperature_range:	-5.0 to 110.0?
wavelength:	-
model:	CM-420

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