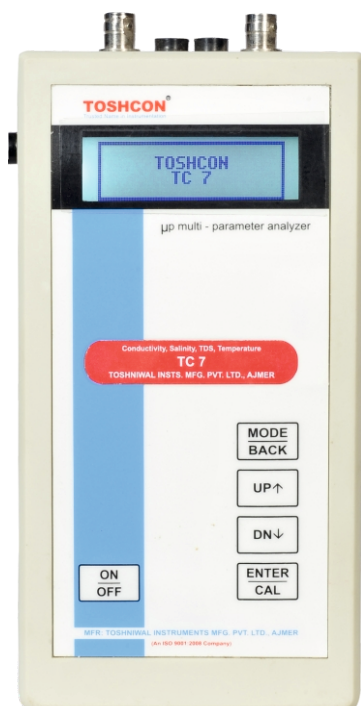


PORTABLE/ BENCHTOP CONDUCTIVITY METER MODEL TC 7

• Conductivity • TDS • Salinity • Temperature



One conductivity channel
One temperature channel

Specifications

CONDUCTIVITY	Range	0...1000 mS/cm
	Resolution	0.01 μ S/cm
	Accuracy	1% f.s. of range
	Calibration	1 point
	Standards	0.01/0.1/1M KCl
	Cell Constant	0.1/1/10 $\text{cm}^{-1} \pm 30\%$
	Temperature Compensation	0...100°C
SALINITY	Range	0...70 ppt
	Resolution	0.1 ppt
TDS	Range	0...100 g/l
	Resolution	0.1 mg/l
TEMPERATURE	Range	0...100°C
	Resolution	0.1°C
	Accuracy	0.5°C
	Calibration	1 point
INPUTS	Conductivity	BNC
	Temperature	2 banana, for Pt1000
DATA-LOGGING	Memory	300 values + temp.
DISPLAY	LCD	122x32 pixels
	White Backlight	✓
AMBIENT CONDITIONS	Temperature	0...40°C
	Humidity	0...95%, non-condensing
POWER SUPPLY	Mains	210...250VAC, 50/60Hz
	Low Voltage	9...15 VDC
	Batteries	4x1.2 V, AA, NiMH
DIMENSIONS	WxDxH	10x20x4 cm
WEIGHT	Meter	400 g

SALIENT FEATURES:

- * **Conductivity**
Extended conductivity range; to measure the full range from 0.01 μ S/cm to 1000 mS/cm requires 3 electrodes: 0.1, 1 and 10 cm^{-1} .
Selectable reference temperature: 20° or 25°C.
Automatically selects correct range and frequency.
Automatic cell constant determination with any of three preprogrammed standards (0.01, 0.1 or 1M KCl).
- * **Temperature**
Reads temperatures with 0.1°C resolution.
Manual or automatic temperature compensation.
Calibrates temperature probe for quality measurements.
- * **Inputs**
One common input for Conductivity/ TDS/ Salinity.
One input for a Pt1000 automatic temperature probe.
Low voltage DC input for a mains adaptor.
- * **Display**
Bright LCD screen for better readability.
A white backlight automatically illuminates when operated on the mains.
Stability indicator prompts the user when readings should be taken.
The interactive LCD screen provides step by step instructions in the language of your choice (English, Dutch, French, German).
Shows a GLP report on the LCD screen.
- * **Data-logging**
Storage memory for 300 values including temperature.
- * **Cabinet**
Robust dust and splash-proof cabinet.
- * **Special features**
Mains and rechargeable battery operation with programmable automatic switch-off.
Optional 12V car adaptor.

**Standard Supply: Meter + Mains Adaptor +
Conductivity Cell (K=1.0) + Conductivity Solution
(0.01M) + Fixed Stand + Carrying Case + Manual +
Test Certificate + Warranty Card**