

ChiMay CM-600 Digital pH, Conductivity, Temp and ORP Sensor Specification Sheet

Model		CM-600
Sensor Communication Type		RS485 interface, MODBUS RTU communication Protocol Option for one point off set correction for all parameters-ORP, pH, conductivity
Sensor Function		Electrode performance self-diagnosis Standard-exceeding of water quality warning Electrode offline warning Serial number tracing Electrode hibernation low-power mode Support electrode communication address 255 broadcast
Factory Calibration		Sensor should be supplied with factory 2-point calibration certificate for all parameters. Option for one point offset correction at any point.
Operating Temperature Range		Water:6-50°C Ambient:0-75°C
ORP Range		-2000 mV to +2000 mV ORP
PH Range		1-14 pH
Conductivity range		0-20000 uS/cm
Resolution	PH	0.01 pH
	ORP	±2 mV
	Conductivity	0.01uS
	Temp	0.1°C
Accuracy	PH	0.1 pH
	ORP	10mV
	Conductivity	1.5%FS
	Temp	0.5°C
Electrode Material		ORP: Platinum; Conductivity: Platinum with plating black; PH: Specialty glass
Sensor Pressure Limit		3.5 bar
Sensor Cable		Integral 4 conductor cable with double shield and polyurethane jacket; Rated temperature 105 °C (221°F); UV enhanced for outdoor installation
Electrode Structure		Waterproof aviation plug is used for electrode and cable, easy for uninstillation
Cable Length		5 M
Warranty		12 months
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