

MCC100/MCC200



Features & Advantages

Customized multi-parameter analyzer

Daruifuno MCC100 analyzer has 4 digital channels: PH, dissolved oxygen, conductivity and turbidity. It can measure up to 5 parameters(temperature).

MCC200 can be customized, the parameters including but not limited to: PH, ORP, conductivity, salinity, TDS, dissolved oxygen, turbidity, MLSS, transparency, COD, TOC, residual chlorine, ammonia nitrogen, Doppler, etc.

Different measurement range

The MCC100/200 controller can be connected with different electrodes to realize the measurement. The measuring range is determined by different sensors.

Communication and control

The MCC100/200 analyzer has RS485 interface and the communication protocol is Modbus RTU. The controller has 2 SPST relays and two 0/4~20mA analog current outputs.

Various installation methods

The dimension of the controller is 144*144*120mm, support wall mount, pipe clamping, panel.

Model	MCC100	MCC200
Software Version	Daruifuno multi-parameter analysis software V1.0	
Detection Object	PH,Temp, conductivity, dissolved oxygen, turbidity	Including but not limited to: PH, ORP, conductivity, salinity, TDS, dissolved oxygen, turbidity, MLSS, transparency, COD, TOC, residual chlorine, ammonia nitrogen, Doppler, etc.
Communication Method	Two-wire RS485 interface communication protocol: MODBUS RTU	
OTA	Optional	
Screen	128*64 graphic dot matrix LCD screen adjustable backlight mode adjustable display rate	
Configuration Information	Power failure protection, indefinite retention of parameters	
Time/Data Logging	Accurate to the second, record 5000 historical data Recording interval can be set between 1 and 999 minutes	
Maintain Records	Last 100 times	
Protection Grade	IP66	
Operating Temperature	0 ~ 60°C, RH < 95%RH	
Storage Temperature	-20 ~ 70°C, RH < 55%RH	
Instrument Shell	Shell material: reinforced ABS	
Instrument Dimensions	144*144*120mm(opening hole size 138*138mm)	
Installation Method	Wall mount, pipe clamping, panel	
Electrical Interface	Three M12*1.5 Gellen heads are reserved at the back, with a wire diameter of 3~6.5mm	
Power	100~240VAC, 50/60Hz	
Power Consumption	<25W	