

# | BENCHTOP-Classical series



## Features

- High-res display screen with white backlight, easy to read
- Automatic calibration, ATC measurement, parameter setup
- Automatic reading stable indication, calibration indication
- Data storage: 450 readings
- Data export: Flash disk/ Wireless printer (the printer is optional)
- Equipped with a flexible probe holder and pH buffer solutions for convenient use
- Protection class: IP54

## Specifications-Single parameter

Model		DPH100	DEC100	DDO100
Parameter	pH/mV.°C	✓	-	-
	mV(ORP).°C	✓	-	-
	Cond/TDS/Sal./Res.°C	-	✓	-
	DO.°C	-	-	✓
pH	Measurement range	(-2.00~20.00)pH	✓	-
	Resolution	0.1/0.01	✓	-
	Accuracy	±0.01pH ±one digit	✓	-
	Calibration points	1, 2, -3pts automatic	✓	-
	ATC range	(-9.9-130.0)°C/(14.1-266)°F	✓	-
ORP	Measurement range	(-1999.9~+1999.9)mV	✓	-
	Resolution	1	✓	-
	Accuracy	±0.1%F.S ±one digit	✓	-
Conductivity	Measurement range	0~200.0mS/cm, Auto-ranging: 0~19.99μS/cm;20.0~199.9μS/cm;200~1999μS/cm; 2.00~19.99mS/cm; 20.00~199.9mS/cm; TDS:0~100.0g/L Resistivity:5.00Ω·cm~100.0MΩ·cm Salinity:0~100ppt	-	✓
	Calibration points	one point	-	✓
	Resolution	0.001	-	✓
	ATC range	(0.0~50.0)°C/(32.0~122.0)°F	-	✓
	Accuracy	±1.0% F.S ±one digit	-	✓
DO	Measurement range	(0.00~20.00)mg/L	-	✓
	Accuracy	±0.30 mg/L	-	✓
	DO saturation	(0.0~200.0)%	-	-
	Automatic barometri pressure compensation	(0~200.0)kPa	-	-
	Automatic temperature compensation	(0.0~50.0)°C/(32.0~122.0)°F	-	-
	Manual salinity compensation	0-45ppt	-	-
Temperature	Measurement range	(-9.9~130.0)°C/(14.1-266)°F	✓	✓
	Accuracy	±0.2°C	✓	✓
Others	Data export	Flash disk/Printer	✓	✓
	Power supply	DC12V	✓	✓
Test kit	Meter	✓	✓	✓
	Plastic ATC pH probe D201T	✓	-	-
	Glass ATC conductivity probe DCON201TG,K=1.0	-	✓	-
	Polarographic DO probe DDO01-2M,cable length:2m	-	-	✓
	pH buffer solution: pH4.00/7.00/10.01, 50mL,one for each	✓	-	-
	Standard Cond solution:84μS/1413μS/12.88mS/cm,50mL,one for each	-	✓	-
	Membrane refill solution:DDOS-01,30mL,1btl	-	-	✓
	Membrane sensor caps DDOSC:3pcs/group,1pkg	-	-	✓
Power adaptor:1pc	✓	✓	✓	
Flexible probe holder DF01:1pc	✓	✓	✓	

## Specifications-Multiparameter

		Model	DPC100	DPD100	DCD100	DPCD100
Parameter		pH/mV.°C	✓	✓	-	✓
		mV(ORP).°C	✓	✓	-	✓
		Cond/TDS/Sal./Res.°C	✓	-	✓	✓
		DO.°C	-	✓	✓	✓
pH	Measurement range	(-2.00~20.00)pH	✓	✓	-	✓
	Resolution	0.1/0.01	✓	✓	-	✓
	Accuracy	±0.01pH ± one digit	✓	✓	-	✓
	Calibration points	1, 2, -3pts automatic	✓	✓	-	✓
	ATC range	(-9.9-130.0)°C/(14.18-266.0)°F	✓	✓	-	✓
ORP	Measurement range	(-1999.9~+1999.9)mV	✓	✓	-	✓
	Resolution	1	✓	✓	-	✓
	Accuracy	±0.1%F.S ± one digit	✓	✓	-	✓
Conductivity	Measurement range	0~200.0mS/cm, Auto~ranging: 0~19.99µS/cm; 20.0~199.9µS/cm; 200~1999µS/cm; 2.00~19.99mS/cm; 20.00~199.9mS/cm; TDS: 0~100.0g/L Resistivity:5.00Ω·cm~100.0MΩ·cm Salinity:0~100ppt	✓	-	✓	✓
	Calibration points	one point	✓	-	✓	✓
	Resolution	0.001	✓	-	✓	✓
	ATC range	(0.0~50.0)°C/(32.0~122.0)°F	✓	-	✓	✓
	Accuracy	±1.0% F.S ± one digit	✓	-	✓	✓
DO	Measurement range	(0.00~20.00)mg/L	-	✓	✓	✓
	Accuracy	±0.30 mg/L	-	✓	✓	✓
	DO saturation	(0.0~200.0)%	-	✓	✓	✓
	Automatic barometri pressure compensation	(0~200.0)kPa	-	✓	✓	✓
	Automatic temperature compensation Manual salinity compensation	(0.0~50.0)°C/(32.0~122.0)°F 0~45ppt	-	✓	✓	✓
Temperature	Measurement range	(-9.9~130.0)°C/(14.1-266)°F	✓	✓	✓	✓
	Accuracy	±0.2°C	✓	✓	✓	✓
Others	Data export	Flash disk/Printer	✓	✓	✓	✓
	Power supply	DC12V	✓	✓	✓	✓
Test kit		Meter	✓	✓	✓	✓
		Plastic ATC pH probe D201T	✓	✓	-	✓
		Glass ATC conductivity probe DCON201TG,K=1.0	✓	-	✓	✓
		Polarographic DO probe DDO01-2M,cable length:2m	-	✓	✓	✓
		pH buffer solution:pH4.00/7.00/10.01,50mL,one for each	✓	✓	-	✓
		Standard Cond solution:84µS/1413µS/12.88mS/cm, 50mL,one for each	✓	-	✓	✓
		Membrane refill solution:DDOS-01,30mL,1btl	-	✓	✓	✓
		Membrane sensor caps DDOSC:3pcs/group,1pkg	-	✓	✓	✓
		Power adaptor:1pc	✓	✓	✓	✓
	Flexible probe holder DF01:1pc	✓	✓	✓	✓	