

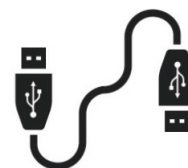


▶ BENCHTOP METERS SERIES 820

The Series 820 benchtop meters are the most accurate pH, ORP and conductivity (± 0.002 pH / ± 0.5 % FS conductivity) analysis instruments. They are suitable for laboratories requiring the highest accuracy, such as clinical laboratories, research, chemical industry, water analysis, power industry, petrochemicals, etc.

They are equipped with a premium long-life glass electrode for pH and platinum back brush-resistant conductivity (BPB) and temperature combined electrode. Its intelligent processor automatically recognizes up to 15 types of pH buffer solutions and up to 8 types of standard conductivity solutions (Optional series: U.S, NIST, user configurable). They have automatic multi-point calibration, calibration guidance and automatic verification. Data management according to Good Laboratory Practice (GLP).

- Fast pH and conductivity readings with maximum accuracy (± 0.002 pH / ± 0.5 % FS conductivity)
- Calibration reminder (automatic, quick and easy) Also displays the pH electrode curve to quickly see its status
- Large LCD screen with simultaneous display of pH/Cond and temperature, stable reading icons and calibration completion
- Storage of 500/1000 data sets for GLP
- USB data output, cable and 820 Series PC-link software (Windows only) included
- Electrodo de vidrio de larga duración para pH
- Long life glass electrode for pH. Combined conductivity (BPB) and temperature electrode
- Temperature probe MP 500
- Flexible holder for 3 electrodes included
- Calibration solutions for pH (4.00, 7.00, 10.01 pH) and/or conductivity ($84\mu\text{S}/\text{cm}$, $1413\mu\text{S}/\text{cm}$, $12.88\text{mS}/\text{cm}$)
- IP54 dust and water protection



USB data connection

PC connectivity via USB connection



▶ **BENCHTOP METERS SERIES 820 - Technical features**

Code	KDD009	KZD008	KG006
Model	PH820	PC820	EC820
Parameters	pH/mV/°C	pH/mV/ Cond/TDS/Sal/°C	Cond/TDS/Sal/°C
pH			
Range	-2.000 – 19.999 pH		-
Resolution	0.1/0.01/0.001 pH		-
Accuracy	±0.002 pH ± 1 digit		-
Stability	±0.002 pH ± 1 digit/3 hours		-
Temp. compensation	0 – 100°C		-
Calibration	1 to 5 points, automatic		-
mV			
Range	± 1999 mV		-
Resolution	0.1 mV		-
Accuracy	±0.03 % FS ± 1 digit		-
Conductivity			
Range	-	0.00 – 19.99 μ S/cm	-
	-	20.0 – 199.9 μ S/cm	-
	-	200-1999 μ S/cm	-
	-	2 – 19.99 mS/cm	-
	-	20 – 199.9 mS/cm	-
	-	200 – 1999 mS/cm	-
Resolution	-	0.01/0.1/1 μ S, 0.01/0.1/1 mS	-
Accuracy	-	± 0.5% FS ± 1 digit	-
Electrode constant	-	0.01/0.1/1.0/10.0 cm-1	-
Temp. compensation	-	0 – 50°C	-
Calibration	-	1 to 4 points, automatic	-
TDS			
Range	-	0.1 mg/L – 100 g/L (500 g/L S9500)	-
Coefficiente	-	0.40 – 1.00	-
Salinity			
Range	-	0 – 100 ppt	-
Resistivity			
Range	-	0 – 100 M Ω *cm (20 M Ω *cm S9500)	-
Temperature			
Range	-10 – 110°C		-
Resolution	0.1°C		-
Accuracy	±0.4°C ±1 digit		-
Data storage	500 sets	1000 sets	500 sets
Data output	USB – Software PC-link		

▶ **BENCHTOP METERS - 820 series - Electrodes and conductivity cells**



KDG022

Routine pH electrode, LabSen 211



KZD019

Glass conductivity electrode with probe T⁹ (k=1), 2401T-F



KDG039

Temperature probe MP500

Code	KDD009	KZD008	KG006
Connectors	KDG022 / KDG039 BNC / RCA / Code / USB	KDG022 / KZD019 BNC / RCA / Code / USB	KZD019 BNC / RCA / USB