

**PC 50 VioLab kit with pH electrode CHS
ChemFlex S7, cond.cell CHS CondiLab 22P,
standards and access.**
Order code: **0202.5358C3M**



Information about product price on demand

Parameters

Quantitative unit

ks

XS Instruments PC 50 VioLab DHS Bench multimeter

pH - mV/ORP - COND - Temperature

- Large backlight display pH/mV/Conductivity and Temperature parameters simultaneously

pH

- Selectable resolution: 0.1/0.01 pH
- Automatic calibration up to 3 points with 2 selectable pH-buffer sets (USA and NIST)
- Manual calibration up to 2 points with user-defined pH-Buffer
- Stability parameter (Low-Med-High) for high accuracy measurement

Conductivity

- Automatic calibration from 1 to 4 points between 4 conductivity standard values: 84 µS – 1413 µS – 12.88mS – 111.9 mS
- Manual calibration at 1 point (User defined)
- Automatic and manual compensation of temperature with reference value 15...30 °C

PC 50 ViOLab DHS complete kit include pH electrode 201T DHS and conductivity cell 2301T with integrated ATC, both with 1m cable and BNC plug, electrode holder and colored pH buffer solution pH 7 and pH 4, standard calibration solutions 1413 µS and 12,88 mS and 5V/220V AC power supply.

pH

Measuring range	0.00...14.00pH
Resolution	0.1/0.01pH
Calibration points	1, 2 or 3
Buffer recognized	USA: 1.68 – 4.01 – 7.00 – 10.01 pH; NIST: 1.68 – 4.01 – 6.86 – 9.18 pH; 2 points defined by user
Indication of the Slope and Offset	Yes
Criteria of measurement stability	Yes
Indication of calibration point	Yes
Potencial measuring range	± 1.000 mV
Potencial resolution	1 mV

Conductivity

Measuring range	0.0...200 – 2000 µS/20.00–200.0 mS
Resolution	0.1/1 µS to 0.01/0.1 mS
Relative accuracy	±2% full scale
Calibration points	1..4
Calibration standards recognized	84µS, 1413µS, 12.88mS, 111.9mS, 1 point user defined
Cell constant selectable	0.1, 1, 10 cm-1
Temperature coefficient	0.00...10.00 %/°C
Refenece temperature	15...30 °C
Indication of calibration standards	Yes

Measuring range	0...100 g/l	
	TDS factor/Accuracy	0,40..1,00/±1% full scale

Temperature

Measuring range	0...100.0°C
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Resolution/Accuracy	0.1°C / ±0.5°C
Temperature compensation pH	Automatic/manual 0...100°C
Temperature compensation COND	Automatic/manual 0...80°C

Others

Inputs	2 BNC, 2 RCA-CINCH (ATC)
Power supply	5V DC/220 V
Dimensions/weight instrument	160×185×70(H)mm/550g

Use

- MultiparameterPhys. property
- StoInřInstrument type