PHOENIX Instrument

Lab Solutions

Tester Serie EC-15

with replaceable sensor



Color parameter identification



- automatic calibration function incl. stability icon
- 3-color backlit LCD-display (Measurement – Calibration – Alarm)
- pH-electrodes and conductivity cells also available with cable
- IP 67 waterproof
- easy replaceable sensor
- 2 x 1,5 V AAA Batteries, Display of battery level

EC-15pH pH / mV / °C

- Measuring range: -2 …16 pH, Resolution: 0.01 pH
- 1 … 3 points calibration

EC-15pH Food pH / mV / °C

- Measuring range: -2 … 16 pH, Resolution 0.01 pH
- 1 … 3 points calibration
- with replaceable spear pH electrode

EC-15-COND Cond / TDS / Salinity / °C

- Cond scale: 0 … 200 µS - 0 … 2,000 µS - 0 … 20 mS
- 1 … 3 points calibration

EC-15-Multi pH / mV / Cond /TDS / Salinity / °C

- Measuring range: -2 … 16 pH, Resolution 0.01 pH
- 1 … 3 points calibration
- COND scale: 0 … 200 µS - 0 … 2,000 µS - 0 … 20 mS
- 1 … 3 points calibration

Large Backlit Display



info@phoenix-instrument.de • Tel. +49 (5131) 90818 -30
Heinkelstr. 4 • D-30827 Garbsen • www.phoenix-instrument.de

PHOENIX Instrument

Lab solutions

Tester Serie EC-15

with replaceable sensor



Box EC-15 cond

Available Sets

EC-15-pH eco

Tester, 1 extra cap, batteries

EC-15-pH / pH Food

Tester, 1 extra cap, pH 7 and pH 4 buffer solution, storage solution, neck strap, paper towel, 2x 1.5V AAA batteries, box

EC-15-Cond eco

Tester, 1 extra cap, batteries

EC-15-Cond

Tester, 1 extra cap, 1413µS and 12,88mS cond. standard solution, neck strap, paper towel, 2x 1.5V AAA batteries, box

EC-15-Multi

Tester, 1 extra cap, pH 7 and pH 4 buffer solution, storage solution, 1413µS cond. standard solution, neck strap,paper towel, 2x 1.5V AAA batteries, box

Technical Data	EC-15pH / Food	EC-15 Cond	EC-15-Multi
pH Meas. range	-2 … 16 pH	-	-2 … 16 pH
pH resolution	0.01 pH	-	0.01 ph
Calibration points	1 … 3	-	1 … 3
Electrode condition alarm	yes	yes	yes
Stability meas. indication	yes	yes	yes
mV meas. range	± 1,000 mV	-	± 1,000 mV
mV resolution	0.1 / 1 mV	-	0.1 / 1 mV
Cond meas. range	-	0 - 200 µs; 0 - 2,000 µS; 0 - 20 mS	
Cond accuracy	-	Automatic scale	
Calibration points	-	1 … 3	
TDS meas. range	-	0.1 ppm … 10 ppt	
TDS relative accuracy	-	± 1% full scale	
Temperature range	0 … 50 °C		
Resolution	0.1 °C		
Dimension (Ø x L)	35 x 175 mm (pH) 35 x 210 mm (Food)	35 x 175 mm	35 x 175 mm
Weight	130 g		



info@phoenix-instrument.de • Tel. +49 (5131) 90818 -30
Heinkelstr. 4 • D-30827 Garbsen • www.phoenix-instrument.de

PHOENIX Instrument

Lab solutions

Tester Serie EC-10



EC-10 pH



EC-10 cond

Available Sets

EC-10-pH

Tester, 1 extra cap, pH 7 and pH 4 buffer solution, storage solution, neck strap, paper towel, 2 x 1.5 V AAA batteries, carrying case.

EC-10-Cond

Tester, 1 extra cap, 1x 55 ml 1413 µS and 12.88 mS cond. standard solution, neck strap, paper towel, 4 x 1.5 V AAA batteries, carrying case.

EC-10-pH-Eco

Tester, 1 extra cap, batteries

EC-10-Cond-Eco

Tester, 1 extra cap, batteries

EC-10

- Large LCD display
- IP 67 waterproof protection
- Buffers used for calibration indication
- Measurement stability indicator
- Automatic temperature compensation
- 4 x 1.5 V AAA batteries for long working time

compatible with rechargeable batteries



Display pH



Display Cond

Technical Data	EC-10pH	EC-10Cond
pH Meas. range	0 … 14	
pH resolution	0.1	
Calibration points	1 … 2	
Buffer recognition	3 USA buffer	
Electrode condition alarm	yes	
Cond resolution		automatic scale
Calibration points cond		1 … 2
Cal. standard recocnition		1.413 µS, 12.88 mS
TDS meas. range		0.01 … 199,9 ppm
Auto off	after 8 minutes	
Warranty	6 months	
Dimension ø x L	35 x 175 mm	
Weight	120 g	

info@phoenix-instrument.de • Tel. +49 (5131) 90818 -30
Heinkelstr. 4 • D-30827 Garbsen • www.phoenix-instrument.de