- ***Datasheet***





	Series EC-21
pH	**EC-21 pH - EC-21 multi**
Measuring range	0 … 14
Resolution / Accuracy	0.1, 0.01 / ±0.02
Recognized calibration points and buffers	**AUTO:** 1…3 / USA, NIST **CUS:** 2 user values
Buffers indication	Yes
Calibration report	Yes
Automatic DHS recognition	Yes
Stability filter	Low – Med - High
mV	**EC-21 pH - EC-21 multi**
Range / Resolution	Range: -1000 … +1000 / Resolution: 1
ORP	**EC-21 pH - EC-21 multi**
Calibrations points	1 point / 475 mV
Conductivity	**EC-21 cond - EC-21 multi**
Range / Resolution	0,00 – 20,00 – 200,0 – 2000 µS / 2,00 – 20,00 – 200,0 mS Automatic scale
Recognized calibration points and buffers	1…5 / 84, 147, 1413 µS, 12.88, 111.8 mS, 1 user value
Reference temperature	15…30 °C
Temperature coefficient	0,00…10,00 %/°C
TDS	**EC-21 cond - EC-21 multi**
Temperature coefficient	0,1mg/l…200 gr/l / 0.40…1.00
Temperature	**EC-21 pH - EC-21 cond - EC-21 multi**
Measuring range	0…100 °C
Resolution / Accuracy	0,1 / ± 0,5°C
Temperature compensation ATC (NTC30KΩ) and MTC	pH: 0…100 °C Cond: 0…80 °C
System	
Display	High definition colours LCD
Brightness and contrast management	Manual
Sleep mode	Yes
Auto-Off	Yes
IP protection	IP 57
Power supply	AA 1,5 V – 3 batteries
Sound level during standard operation	< 80 dB
Environmental operating conditions	0 … +60 °C
Maximum permissible humidity	< 95 % non-condensing
Maximum altitude of use	2000 m
System dimensions	185 x 85 x 45 mm
System weight	400 g
Reference regulations	EMC 2014/30/UE RoHS 2011/65/EU EN 61326-1 EN 61010-1