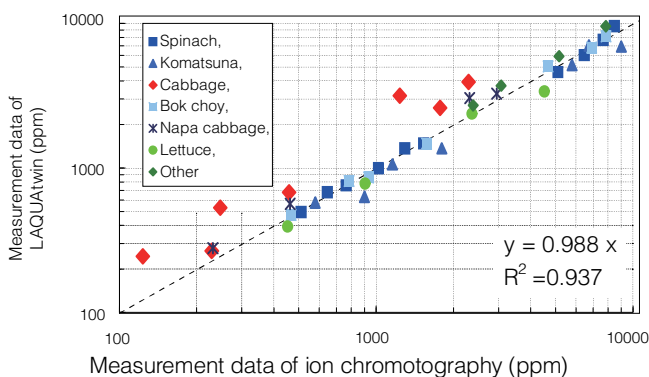




	Sodium Ion (Na <sup>+</sup> )	Potassium Ion (K <sup>+</sup> )	Nitrate Ion (NO <sub>3</sub> <sup>-</sup> )	Calcium Ion (Ca <sup>2+</sup> )
Model	<b>Na-11</b> Na <sup>+</sup> Temp	<b>K-11</b> K <sup>+</sup> Temp	<b>NO3-11</b> NO <sub>3</sub> <sup>-</sup> Temp	<b>Ca-11</b> Ca <sup>2+</sup> Temp
Features	WATER PROOF, MICRO VOLUME, 2 PT CAL	WATER PROOF, MICRO VOLUME, 2 PT CAL	WATER PROOF, MICRO VOLUME, 2 PT CAL	WATER PROOF, MICRO VOLUME, 2 PT CAL
Part No.	3200689159	3200689160	3200689162	3200689161
Measurement Principle	Ion Selective Electrode			
Minimum Sample Volume	0.3 ml (0.05 ml with Sampling Sheet B)			
Measurement Range	2 to 9900 ppm (mg/L) (0.1 to 430 mmol/L)	4 to 9900 ppm (mg/L) (0.1 to 250 mmol/L) 2 to 5000 kg/10a (soil/water ratio 1:5)	NO <sub>3</sub> <sup>-</sup> : 6 to 9900 ppm (mg/L) (0.1 to 160 mmol/L) NO <sub>3</sub> -N: 1.4 to 2200 ppm (mg/L)	4 to 9900 ppm (mg/L) (0.1 to 250 mmol/L)
Resolution	0 to 99 ppm: 1 ppm 100 to 990 ppm: 10 ppm 1000 to 9900 ppm: 100 ppm			
Accuracy	± 10% of actual value			± 20% of actual value
Maximum Calibration Points	2			
Temperature Display / Resolution	0 to 50.0 °C / 0.1 °C			
Functions	Automatic Standard Recognition • Changeable Low and High Calibration Values • Temperature Compensation • Temperature Calibration • Multiplication Compensation (0.01 to 9.90) • Auto Hold / Auto Stable • Automatic Power Off (30 mins.) • Low Battery Indicator • IP67 Water / Dust Proof • Replaceable Sensor			
Display	Custom (Monochrome) Digital LCD with Backlight			
Operating Temperature / Humidity	5 to 40 °C / 85% or less in relative humidity (no condensation)			
Battery Life	Approx. 400 hrs. continuous use without backlight			
Material	ABS epoxy body / flat glass sensor			
Dimensions	164 x 29 x 20 mm(excluding projections)			
Mass	Approx. 55g (including sensor and batteries)			
Accessories included	150 & 2000 ppm Standard Solutions (14 ml each) • Sampling Sheet B (5pcs) CR2032 Batteries (2) • Dropper • Instruction & Quick Manuals • Storage Case			

Correlation between LAQUAtwin measurement data and ion chromatography

Crops (NO<sub>3</sub><sup>-</sup>)



Isotonic drink, mineral water drinks and mineral water (Na<sup>+</sup>, K<sup>+</sup>, Ca<sup>2+</sup>)

