



RUNRITE ELECTRONICS

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ALCOLIZER CES

SPECIFICATION SHEET

Reading Resolution:	0.001 g/100ml Breath Alcohol Concentration
Reading Range:	0.000 to 0.500 g/100ml (Readings above this are displayed as "OVER RANGE")
Accuracy:	Better than +/- 10% as per Australian Standards Requirements.
Response time To Display BAC Reading:	3 to 5 seconds for a reading of .1 g/100ml
Recovery time:	<10 seconds for 0.06 %BAC *
Unit of Measure:	g/100ml, %BAC, Promille w/w, Promille w/v, mg/ml, g/L. Mg/L ug/L, ug/100ml, mg/l., g/210L, g/230L
Sensor type:	Custom designed Mini Electro Chemical Heated Fuel Cell.
Pump System:	Automatic single stroke bellows type micro solenoid actuated.
Breath Volume:	Sensed via internal pressure transducer. *
Calibration Requirements:	Every 180 days. Warning displayed between 7 and 21 days prior *
Connectivity:	Via USB and Bluetooth . Software supplied
Display:	Backlit Transflective Colour Matrix
CPU:	Software and hardware Encrypted NXP processor in main module and TI MSP processor in sample module
User Ram:	2 Megbit.
User Interface:	Accessed via 3 Silicone Rubber Keys.
Clock Function:	Battery backed real time clock 32.768 Khz
Backup Battery:	CR1225 Lithium.
Main Battery:	Lithium Ion 3.7volt 1800 milliamp hours
Charger:	Inbuilt Battery charger supplied via 12 volt 1 amp DC adaptor.
Standards Certifications:	Australian Standards Certified to AS3547, C-Tick ,N1381 and CE



Operation Modes:	Standard Direct Testing, Passive Testing, Colour Panel Display System (Pass Warning Fail)*
Weight:	approx. 320grams
Case:	Ergonomically designed case using Cycology engineering plastic delivery high strength and high impact resistance and durability.
Carry Case:	Aluminum hard case
Protective Cover:	Thermoplastic elastomer giving further protection to the case and allowing optional colour preferences to customer requirements.
Dimensions:	190 x 65 x 42mm (L x W x D)
Temperature Range:	-5 to 50 degrees Celsius.



Items with * are Factory Programmable.

OPTIONS AND ACCESSORIES

G.P.S:	System Programmable reading between D.M.S. And Decimal Degrees. Operable within 3 minutes from cold start or within 40 seconds from warm start (if fitted)
Car Charger	12 Volts 1 amp cigarette lighter connector plug
Mains Charger	120 -.240 VAC / 12 Volts DC 1 Amp switch mode
operation with 2.5ml DC Jack	
USB Cable	USB A to Mini USB B (Palm Type).
Rechargeable Battery	3.7 V, 1800 milliamp Lithium ion battery
Mouth Piece	2 styles available, both Single use disposable
plastic Mouth Piece, one	offers a spit-trap design with non-return valve.

Specifications may change as the LE is further enhanced

As exclusive distributor to the entire African region Runrite Electronics is able to provide full back-up support including calibration, repair and training. Contact us today for more information this and other products in our range.



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