

## Technical Specifications

|                                  |   |
|----------------------------------|---|
| <b>Devices:</b>                  |   |
| Measurement mode                 | Active mode and Passive mode  |
| <b>Active mode</b>               |   |
| Measurement range (BAC)          | ( 0-550 ) mg/100ml BAC  |
| <b>Passive mode</b>              |   |
| Measurement range (BAC)          | ( 0-100 ) mg/100ml BAC  |
| Alarm                            | Red , yellow , green alarm limit can be adjusted                          |
| <b>Accuracy:</b>                 |   |
| Range ( 0–88 ) mg/100ml          | ± 4.4 mg/100ml  |
| Range ( 88–220 ) mg/100ml        | ± 5 % absolute  |
| Range >220 mg/100ml              | ± 20 % absolute   |
| Measurement range ( BrAC )       | ( 0-2.5 ) mg/L BrAC   |
| <b>Accuracy:</b>                 |   |
| Range ( 0.00–0.40 ) mg/L         | ± 0.020 mg/L  |
| Range ( 0.40-1.00 ) mg/L         | ± 5 % absolute  |
| Range >1.00 mg/L                 | ± 10 % absolute   |
| <b>Condition :</b>               |   |
| Operation temperature range:     | 0 °C - +40 °C   |
| Storage temperature range:       | - 30 °C - +70 °C  |
| Condition pressure:              | 600- 1400 hPa   |
| Condition humidity               | 15 - 95 % r.h.  |
| Min volume:                      | 1.2 L   |
| <b>Battery:</b>                  |   |
| Measurement time for one charge: | 7.4V, 2500mAh rechargeable Li-ion battery<br>More than 1000 times testing |
| <b>Device interface:</b>         |   |
| Dimension (LxWxH):               | 200mm x 104mm x 37mm  |
| Weight:                          | 357 g include battery   |

|   |  |
|---|--|
| <b>Other Parameter:</b>                     |  |
| Pre-heating time:                           | about 5 seconds  |
| Zero time:                                  |  |
| The previous measure is 0 mg/100ml :        | about 3 seconds  |
| The previous measure is 100 mg/100ml below: | about 5 seconds  |
| The previous measure is >100 mg/100ml :     | about 7 seconds  |
| Sensor type:                                | Electrochemical fuel cell                                  |
| Printer                                     | Built-in Printer   |
| Items                                       | Car Number, Police Number, License Number                  |
| Cross sensitivity:                          | No   |
| Mouth pieces:                               | Disposable, single way                                     |
| Units:                                      | %BAC, mg/L BrAC, mg/100ml BAC Add upon customer's requests |
| Use interface:                              | Menu operation   |
| Buttons:                                    | Touch Screen, 2 buttons                                    |
| Power save mode:                            | Automatic switch off after 2.5 minutes without use         |
| Use Interface:                              | 4.0 inch touch screen and color TFT display                |
| Memory:                                     | Up to 30,000 measured value with date and time             |
| Software management:                        | PC data manager, data transmit and storage option          |
| Calibration:                                | Every 6 months or determined by local government           |

|                |   |
|----------------|---|
| <b>Camera:</b> |   |
| Pixel:         | Five million pixels, Automatic focusing |
| Infrared:      | Yes                                     |
| Fingerprint:   | Yes                                     |

