

# DBAn

IG - Rev.2

## Breath Alcohol Analyser



### Description

The DBAn is a state-of-the-art digital lightweight breathalyser designed to swiftly identify the presence of alcohol vapours in exhaled breath, triggering an instant audio-visual alarm. Notably, the device also captures, holds and displays the highest alcohol reading detected from the subject until the user acknowledges it.

With the DBAn, proactive safety takes center stage, ensuring heightened awareness and responsible conduct.

### Key Features

- High performance 8 bit microcontroller chip
- Precise digital readout & audio alarm
- Built-in regchargable battery with BMS protection
- Charging & full charge indicator
- Ready to use in a Kit-Form
- Reading peak hold facility
- Three Status<sup>®</sup> indicators
- Compact & light weight
- Auto backlight off
- Long life sensor

### Technical specifications

BAC Indication	0 to 120 (mg/100ml of blood)
Sensor type	Semiconductor based long life
Warm-up time	90 seconds
Response time	within 5 seconds
Next test	within 30 seconds
Display	Digital alpha-numeric LCD with <b>Three Status<sup>®</sup></b> indicators
Indicators	Power, Charging, Full charge, Intermittent audio tone
Keys	Reset, Backlight & Power switch
Power supply	3.7V rechargeable Li-Ion battery cell
Mouthpiece	Not required (No physical contact required)
Operating temperature	10° to 55°C
Calibration frequency	1 year
Weight	220 grams
Dimensions (mm)	75 x 140 x 32 (L x H x D)
Accessories	Battery charger & Carry case

Specifications are subjected to change without notice due to continuous design improvement

### INDUSTRIAL GRADE

- ⚡ Easy charging and high reusability
- ⚡ Handy, robust design. Built to last
- ⚡ 10 hours charging
- ⚡ On-board battery management system

