

## ACE iBlow 10 Breathalyzer

### Introduction

With its new Fuel Cell Sensor Technology the ACE iBlow 10 offers the fastest and most accurate results. ACE iBlow 10 is a high-quality professional device which has been designed to measure alcohol concentration in human breath using an electrochemical sensor and calculating the blood alcohol level. The test results are very reliable and have a tolerance of  $\pm 0.05\%$  (per mill) with reference to 1.00%.

### Parts name



### Scope of delivery

- 1 ACE iBlow 10 Breathalyzer
- 1 Blow cap (Basic pack: 3pcs / Advanced pack: 10pcs)
- 1 Micro USB cable
- 1 Hand strap
- 1 User manual (German & English)

### Specification

Sensor Type		Suracell™ sensor (Fuel Cell sensor)
Battery		AA Size Alkaline Battery Or Rechargeable Battery 6EA
Weight		370g (Including batteries)
Size (mm)		276(Height) X 44.5(Width) X 44.5(Thickness)
Test result	LED Alert	Pass : Green / Low : Red / High : Blinking Red
	FND display	0.00/Lo/Hi or Numerical result (Display "HI" in Numerical result mode means more than 1.00 g/l)
	Buzzer alarm	Pass : 1 Beep sound Low : Repeating short Beep sound High : long Beep sound
Warming up time		Within 10 seconds
Time for analysis		Within 2 seconds (at 0.00 concentration)
Maximum test		12 times / 1 minute
Working temperature		-5°C ~ 40°C
Storage		-10°C ~ 50°C
Mouthpiece		Blow cap (Replaceable & washable passive cone type)
Auto power OFF		Adjustable 30 to 900 seconds
Duration time for display		Adjustable 1 to 9 seconds
Calibration period		Every 5,000 tests or 12 months whichever comes first (Factory Default) *Changeable by PC software
Additional Function		Displaying battery level
		Reminder for calibration & Grace period
		Calibration protection by PC connecting
		Various LED lighting

### Calibration

ACE Instruments recommends to calibrate this device at latest after 6 months. The calibration is not mandatory, but the accuracy of the breathalyzer will decrease steadily without it.

All measured values determined by this alcohol tester are only indicative and are not legally binding.