

ALCOHOL TESTER

Breathalyzer Product Catalogue

RK Technologies — Complete Product Range

RK-NEX-5 | RK-NEX-23 | RK-NEX-32 | RK-NEX-41

Semiconductor · Fuel Cell · Electrochemical Sensors

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RK-NEX-5

Model: AT202

Sensor: Semiconductor · About 47 g (without battery)

★ NEW ★

Field & Lab Ready

Pocket Breathalyzer — Semiconductor



Specification

Model	AT202
Sensor	Semiconductor
Range	0~0.20%BAC (0~1.0mg/L) 0~2.00%BAC;0~2.00g/L)
Resolution	0.01%BAC
Warm up time	Around 35s
Working environment	Temperature: 0°C~50°C, Humidity: ≤80%
Storage environment	Temperature: 0°C~50°C Humidity: ≤90%
Display	LCD display
Battery	2* 1.5V AAA battery
Dimension	125*37*20 mm(L*W*H)
Weight	About 41g(without battery)
Accuracy	±0.01%BAC at 0.05%BAC
Unit	mg/l, g/l, %bac, %bac (optional)



SPECIFICATIONS

Model	AT202
Sensor	Semiconductor
Range	0~0.20%BAC (0~1.0 mg/L) 0~2.00%BAC; 0~2.00 g/L
Resolution	0.01% BAC
Warm-up Time	~35 seconds
Working Environment	Temperature: 0°C~50°C Humidity: ≤80%
Storage Environment	Temperature: 0°C~50°C Humidity: ≤90%
Display	LCD Display
Battery	2 × 1.5V AAA
Dimensions	125 × 37 × 20 mm (LxWxH)
Weight	About 47 g (without battery)
Accuracy	±0.01% BAC at 0.05% BAC
Units	mg/L, g/L, %BAC, ‰BAC (optional)

KEY HIGHLIGHTS

- ✓ Ultra-compact pocket design
- ✓ One-button operation
- ✓ Fast 35-second warm-up
- ✓ Clear LCD with C₂H₅OH molecule graphic

RK-NEX-23 Model: AT188 ★ NEW ★
 Sensor: Semiconductor · About 60 g (without battery) Field & Lab Ready

Sleek Touchpad Breathalyzer — Semiconductor

Product Parameters

Model	AT188	
Sensor	Semiconductor	
Range	0~0.20BAC% (0-1.00mg/L; 0~2.00‰BAC; 0~2.00g/L)	
Resolution	0.01BAC%	
Warm up time	Around 35s	
Working & Storage Environment	Temperature:0~50°C	
	Humidity: ≤93%	
Display Screen	LCD Display	
Power Source	1.5VAA*2pcs	
Dimension	123*44*19mm	
Weight	50g	
Accuracy	Test range at	Accuracy
	0.05BAC%	±0.02BAC%



SPECIFICATIONS

Model	AT188
Sensor	Semiconductor
Range	0~0.20 BAC% (0~1.00 mg/L) 0~2.00‰BAC; 0~2.00 g/L
Resolution	0.01 BAC%
Warm-up Time	~35 seconds
Working & Storage Environment	Temperature: 0°C~50°C Humidity: ≤93%
Display Screen	LCD Display
Power Source	1.5V AA x 2
Dimensions	123 x 44 x 19 mm
Weight	About 60 g (without battery)
Accuracy	±0.02 BAC% at 0.05 BAC%

KEY HIGHLIGHTS

- ✓ Slim rectangular profile with glass-effect finish
- ✓ Blue LED indicator light
- ✓ Single round-button interface
- ✓ 10 replaceable mouthpiece tips included

RK-NEX-32	Model: AT808 Sensor: Platinum Fuel Cell · About 58 g	★ NEW ★ Field & Lab Ready
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Professional Fuel Cell Breathalyzer

Specification

Model	AT808 alcohol tester/breathalyzer/alkotester/alcohol checker
Sensor type	Platinum fuel cell
Detection range	0.00 - 0.40%BAC, 0.00-4.00‰BAC 0.00 - 2.00mg/L; 0.00 - 4.00g/L
Accuracy	± 0.005@ 0.05%BAC
Alarm point	0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L; (adjustable)
Testing time	<5 sec
Display	LCD
Power	2*AAA battery
Working environment	0°C - 50°C, ≤95% RH, No dews
Dimensions	105*45*16mm@58g
Records	99 (device); unlimited (app)
App name (as option)	AlcoCHECK



SPECIFICATIONS

Model	AT808
Sensor Type	Platinum Fuel Cell
Detection Range	0.00~0.40% BAC, 0.00~4.00‰BAC 0.00~2.00 mg/L; 0.00~4.00 g/L
Accuracy	±0.005 @ 0.05% BAC
Alarm Point	0.05% BAC; 0.50‰BAC; 0.25 mg/L; 0.50 g/L (adjustable)
Testing Time	< 5 seconds
Display	LCD
Power	2 × AAA battery
Working Environment	0°C~50°C, ≤95% RH, No dew
Dimensions	105 × 45 × 16 mm @ 58 g
Records	99 (device); Unlimited (app)
App Name	AlcoCHECK (optional)

KEY HIGHLIGHTS

- ✓ Platinum fuel cell — police-grade accuracy
- ✓ Bluetooth app connectivity (AlcoCHECK)
- ✓ Stores 99 test records on device
- ✓ Adjustable alarm set-point
- ✓ CE & RoHS certified

RK-NEX-41

Model: AT8030

Sensor: Fuel Cell (Electrochemical) · About 75 g

★ NEW ★

Field & Lab Ready

Advanced Electrochemical / Fuel Cell Breathalyzer

Product Description

AT8030



Specifications

Sensor Type: Fuel cell
Detection Range: 0.00-0.40%BAC, 0.00-4.00‰BAC
 0.00-2.00mg/L; 0.00-4.00g/L
Accuracy: ±0.008%BAC at 0.05%BAC
Pre-set Level: 0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L
Warm-up Time: <10 s
Testing Time: <5 s
Display: 1.5inch LCD
Power: 2xAAA batteries
Working Environment: 0°C - 50°C, ≤95% RH, No dews
Testing Records: 10 latest records
Dimensions: 127mm*53mm*22mm @75g



SPECIFICATIONS

Model	AT8030
Sensor Type	Fuel Cell (Electrochemical)
Detection Range	0.00~0.40% BAC, 0.00~4.00‰BAC 0.00~2.00 mg/L; 0.00~4.00 g/L
Accuracy	±0.008% BAC at 0.05% BAC
Pre-set Level	0.05% BAC; 0.50‰BAC; 0.25 mg/L; 0.50 g/L
Warm-up Time	< 10 seconds
Testing Time	< 5 seconds
Display	1.5-inch LCD
Power	2 × AAA battery
Working Environment	0°C~50°C, ≤95% RH, No dew
Testing Records	10 latest records
Dimensions	127 × 53 × 22 mm @ 75 g

KEY HIGHLIGHTS

✓ Premium 1.5" LCD with backlight
✓ Fastest warm-up: under 10 seconds
✓ 3-button interface (Back / Power / Confirm)
✓ Adjustable alarm & unit settings
✓ Fuel cell sensor — laboratory grade

PRODUCT COMPARISON — ALL MODELS AT A GLANCE

Parameter	RK-NEX-5 (AT202)	RK-NEX-23 (AT188)	RK-NEX-32 (AT808)	RK-NEX-41 (AT8030)
Sensor Type	Semiconductor	Semiconductor	Platinum Fuel Cell	Fuel Cell
Range (BAC%)	0~0.20%	0~0.20%	0~0.40%	0~0.40%
Accuracy	±0.01% BAC	±0.02% BAC	±0.005% BAC	±0.008% BAC
Warm-up	~35 s	~35 s	< 5 s (test)	< 10 s
Testing Time	~35 s	~35 s	< 5 s	< 5 s
Battery	2xAAA	2xAA	2xAAA	2xAAA
Display	LCD	LCD	LCD	1.5" LCD
Records	—	—	99 + App	10 latest
App	—	—	AlcoCHECK	—
Alarm Point	—	—	Adjustable	Pre-set
Weight	~47 g	~60 g	~58 g	~75 g
Dimensions (mm)	125x37x20	123x44x19	105x45x16	127x53x22
Best For	Personal use	Personal use	Semi-professional	Professional

* Accuracy figures are tested at 0.05% BAC reference point. Fuel cell models are recommended for professional / enforcement use.

HOW TO ORDER

RK Code	Model	Sensor Type	Recommended Use
RK-NEX-5	AT202	Semiconductor	Personal / Spot Checks
RK-NEX-23	AT188	Semiconductor	Personal / Fleet Screening
RK-NEX-32	AT808	Platinum Fuel Cell	Semi-professional / Enforcement
RK-NEX-41	AT8030	Fuel Cell (Electrochem)	Professional / Laboratory

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NABL Accredited Calibration Laboratory | ISO/IEC 17025:2017 | Cert. No. CC-4593



National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

**RK QUALITY MEASUREMENT SERVICES PRIVATE
LIMITED**

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

PLOT NO. 1C, CHIKOOWADI, LAMROAD, DEVLALI CAMP, NASHIK, MAHARASHTRA, INDIA

in the field of

CALIBRATION

Certificate Number: CC-4593

Issue Date: 13/03/2026

Valid Until: 12/03/2030

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: RK QUALITY MEASUREMENT SERVICES PRIVATE LIMITED

Signed for and on behalf of NABL



Anita Rani
Director

Dr. Ramanand N. Shukla
Chief Executive Officer