

# RBT IV

Generic  
Version

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## ALCOHOL TESTING INSTRUMENTS

- Evidential accuracy and precision
- User-friendly function keys
- Total portability
- Use Alco-Sensor IV independently of printer

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## Evidential Accuracy and Precision

The Department of Transportation (DOT) has approved the RBT IV system as an evidential quality breath alcohol testing instrument, which means that the RBT IV is appropriate for use in law enforcement, workplace, and any other setting that requires high quality breath alcohol test results. The Alco-Sensor IV exceeds the DOT accuracy requirements of +/- .005 at a 0.100 breath alcohol concentration. The high degree of precision enables the Alco-Sensor IV to deliver accurate results test after test.

## Totally Portable Testing

The RBT IV system connects the hand-held Alco-Sensor IV to the battery powered RBT IV printer to produce a totally portable breath test system. The rugged water-proof Pelican carrying case holds the Alco-Sensor IV and RBT IV printer and safety protects the instrument from the knocks and bumps that portable instruments typically receive in the field.

## User-friendly Design

The well-thought out design of the RBT IV uses function keys to start the most commonly used procedures by pressing a single button: Subject Test, Accuracy Check, and Calibration Adjustment. The RBT IV devotes an additional key to reprint the last test. The user friendly design means more efficient testing and fewer operator errors.

## Display Messages Guide Operator through Test Procedure

The two-line display on the RBT IV printer guides the operator through the test procedure. The display prompts the operator to enter the subject's ID number, prompts the operator to insert a mouthpiece, and to eject the mouthpiece. Similar messages guide the operator through the Accuracy Check and Calibration Adjustment procedure.

## RELATED ITEMS AND SUPPLIES

Item	Description	Price
312	Mouthpiece for Alco-Sensor IV	\$ .26 @ 1-499
		\$ .25 @ 500-999
		\$ .24 @ 1,000-4,999
		\$ .22 @ 5,000-9,999
		\$ .19 @ 10,000+
324	Alcohol Gas Tank, 105 liter	\$170.00
360	Alcohol Gas Tank, 30 liter	\$144.00
328	Regulator	\$109.00
307RBT IV	Printer Paper (small)	\$.80 @
315	RBT IV Printer Ribbon	\$5.50 @

## ALCO-SENSOR IV w/MEMORY DOT VERSION

Item	Description	Price
211-K	RBT IV System – Generic Version Includes Alco-Sensor IV, RBT IV Printer, Pelican carrying case, 100 mouthpieces, 3 rolls printer paper, printer ribbon, rechargeable battery, 120-volt battery charger, calibration tool, and manual.	\$2,370.00

## SPECIFICATIONS

**Sensor type:** Electrochemical Oxidation (fuel cell)

**Range of measurement:** .000 - .400 BrAC

**Accuracy and precision:** U.S. DOT approved for evidential use

**Breath sampling:** Automatic with manual override

**Response time:** 5-10 seconds negative results,  
10-30 seconds positive results

**Power requirement:** Alco-Sensor IV: 9-volt battery (included), 300+ tests  
RBT IV Printer: 12-volt rechargeable battery, 75+ tests

**Test mode:** Direct

**Calibration:** Microprocessor controlled, using gas or wet bath simulator

**Memory:** Alco-Sensor IV: last test

RBT IV printer: 900 tests, upload to computer with adapter

**Print capability:** Yes, single-ply paper

**Temperature range:** 0 – 40°C

**Size:** 12" X 9" X 3 ½", 12 lbs. (in Pelican case)

**Warranty:** One years parts and labor

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