

**BRAND: HANWEI**  
**MODEL: AT8900**  
**CODE: A103101016**

## **BREATHALYSERDIGITAL WITH BUILT-IN PRINTER**

### **1. Description:**

This advanced portable breathalyzer has a modern design for today's international environment. The core component adopts electrochemical sensor module, and thus the breathalyzer has higher precision, high sensitivity, strong anti-interference ability, and easy calibration. It has Active and Passive mode of operation. The color screen design, simple keyboard and a touch screen make the breathalyzer more concise and suitable for outdoor use, with the built-in printer allowing flexibility in printing evidence.

The product is applicable for alcohol detection in breathalyzer operations, so it can help prevent accidents, protect human life and secure property.

### **2. Characteristics:**

- It has Active and Passive test mode.
- High electrochemical sensitivity sensor, high reliability and accuracy.
- 2.8-inch color touch screen.
- Storage capacity of 20,000 test records.
- Built-in thermal printer.
- Data transfer to PC via USB cable.
- Configuration option of multiple units of results (mg. /L., mg. /100 ml., gr. /L.,%BAC, %BAC).
- Use disposable, non-return nozzle.

### **3. Technical specifications:**

- **Sensor type:** Electrochemical combustion cell.
- **detection range:** 0 - 2.00 mg/L, 0 - 0.40% BAC, 0 – 4.0‰ BAC, 0 – 4.0g/L.
- **Preset level:**0.05%BAC; 0.50‰BAC; 0.25mg/L; 0.50g/L
- **Precision:** +/- 0.005 to 0.05%BAC
- **Heating time:** <10 seconds
- **Test time:** <5 seconds
- **Work temperature:** 0°C to 50°C, 95% relative humidity.
- **Screen:** Touch screen, 2.8 inches
- **Energy:** 7.4 volt lithium battery, 2500 mAh.
- **Loading time:** 4 hours.
- **Continuous operation:** >20 hours normally (full charge)
- **Dimensions:** 210mm. x 76mm x 38mm (With built-in printer).
- **Weight:** about 425 grams (with built-in printer).
- **Certification:** CE and RoHS.

4. **Product Image:**



5. **Application Image:**



6. **Accessories included in the product:**

- Printer built into the breathalyzer.
- USB cable, device charger and vehicle charger.
- Installation CD.
- Transport case.
- Sample nozzles.
- 3 rolls of printing paper.
- 1 \* Screen Touch Pen

7. **Optional Accessories (Not included in the product cost):**

- Disposable cannulas or mouthpieces.
- printer paper roll

**NOTE:**

1. This technical specification is for reference only, it is subject to modification or update without prior notice.
2. These specifications and images are for illustration purposes only, they do not imply any preference, definition, warranty, property or obligation.
3. The use of this information by any person, company and / or entity is under their own responsibility.
4. We disclaim any liability for their use.

Revision A 2021