

SHENZHEN UNIQUE INDUSTRIAL CO., LTD

# Blood Pressure Smart Watches Datasheet

A watch that inflates an airbag in the strap with a built in air pump, giving the same oscillometric measurement method as a home cuff monitor.

Trade terms: minimum order 3,000 pcs per model; samples 1-3 working days after payment; bulk 20-25 working days after deposit; warranty 12 months excluding man-made damage. All specification values are copied from the factory specification sheet. Values marked TBC are not published by the factory and are confirmed in writing before an order. Certifications are stated as held or pending; the ECG platform's CFDA and FDA medical certification is pending, not granted.

## Why buyers specify this group

A measurement method buyers recognise. Air pump and airbag inflation, not an optical estimate.

Medical grade contact materials. Metal alloy with PC, ABS and medical grade 316 stainless steel.

Respiration rate included. Breathing rate monitoring alongside heart rate, SpO2 and body temperature.

7-10 days despite the pump. A 200mAh high density cell keeps it usable as a daily monitor.

### BLOOD PRESSURE SMART WATCHES

## Air Pump and Airbag Technology Blood Pressure Smart Watch

Cuff style blood pressure watch using a real air pump and airbag rather than an optical estimate



|                       |                                         |
|-----------------------|-----------------------------------------|
| Bluetooth chip        | Nordic nRF52832                         |
| PPG chip              | OSRAM 2703                              |
| Temperature sensor    | CT 1711 array                           |
| Screen                | 1.7 inch TFT                            |
| Screen resolution     | 240x280                                 |
| Blood pressure method | Air pump and airbag, oscillometric      |
| Battery type          | High density lithium polymer            |
| Battery capacity      | 200mAh                                  |
| Charging              | Magnetic charging                       |
| Charging time         | About 3-4 hours                         |
| Endurance             | 7-10 days                               |
| Material              | Metal alloy, PC, ABS, medical grade 316 |
| Watch body dimension  | 45 x 40 x 11mm                          |
| Water resistance      | TBC - confirmed in writing before order |