

Add:Bali Village Qiaoxia Town, Yongjia County, Wenzhou City, Zhejiang Province, China.

## T-80 High-Precision Mobile Turbine Flow Meter for Gravity Fuel Unloading

T-80 Gravity Unloading Flow Meter is mainly used for the gravity flow unloading of the fuel tank truck at the gas station, and can also be used for pipelines measurement. It can be used to measure various oil products except for water. High Precision and long service life. It can be used by connecting to the outlet of the fuel tank without a pump.



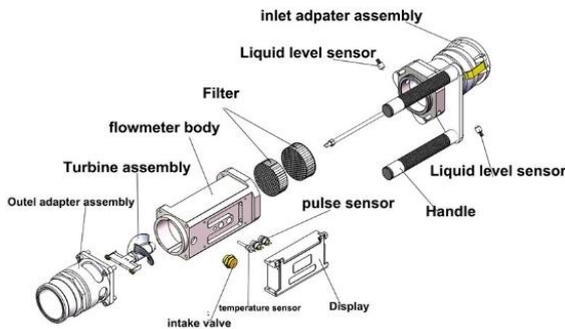
### Application:

Dedicated to gravity measurement of petroleum products

1. Fuel metering during delivery operations to gas stations
2. Tank truck, rail car product reception control
3. Reduce the risk of fraud
4. Partial or full compartment deliveries
5. Measurement of product returns

### Construction:

1. 3 inch Turbine Type Flow Meter
2. Liquid level sensor
3. Adaptable inlet/outlet coupling
4. Temperature sensor
5. Built-in Filters
6. Pulse Sensor



### Technical Specification:

LCD screen English interface: 7 digits display

Size: 3 inches (DN80)

Accuracy:  $\pm 0.2\%$

Repeatability:  $\pm 0.02\%$

Product weight: 6kg

Body material: Aluminum

Flowrate range: 8-80m<sup>3</sup> / h (130-1300L / min)

Minimum scale: 1L

Explosion-proof grade: Ex ia II BT4 Ga

Protection grade: IP67

Temperature range: -25 °C to + 55 °C

Maximum pressure: 0.5 MPA

Viscosity range:  $\leq 13\text{mm}^2/\text{s}$

Power supply: 2X3.6V Lithium batteries (battery life is about 2 years)



### Typical Product Application:



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## T-80 Gravity Unloading Flow Meter Features:

It is a mobile and compact meter.allow's you to accurately measure the quantitieseceived in your installations. Thanks to the advanced technology of the turbine,you can control simply and quicky the volumes delivered to each of your stations, you make split deliveries and you quantify by tracking product returns, regardless on all types of diesel and gasoline. The electronic calculator, fitted with a large LCDand water-proof screen. The calculator also integrates Bluetooth to retrieveand gedlocate yourmeasurement data and calculator parameters.



### Benefits:

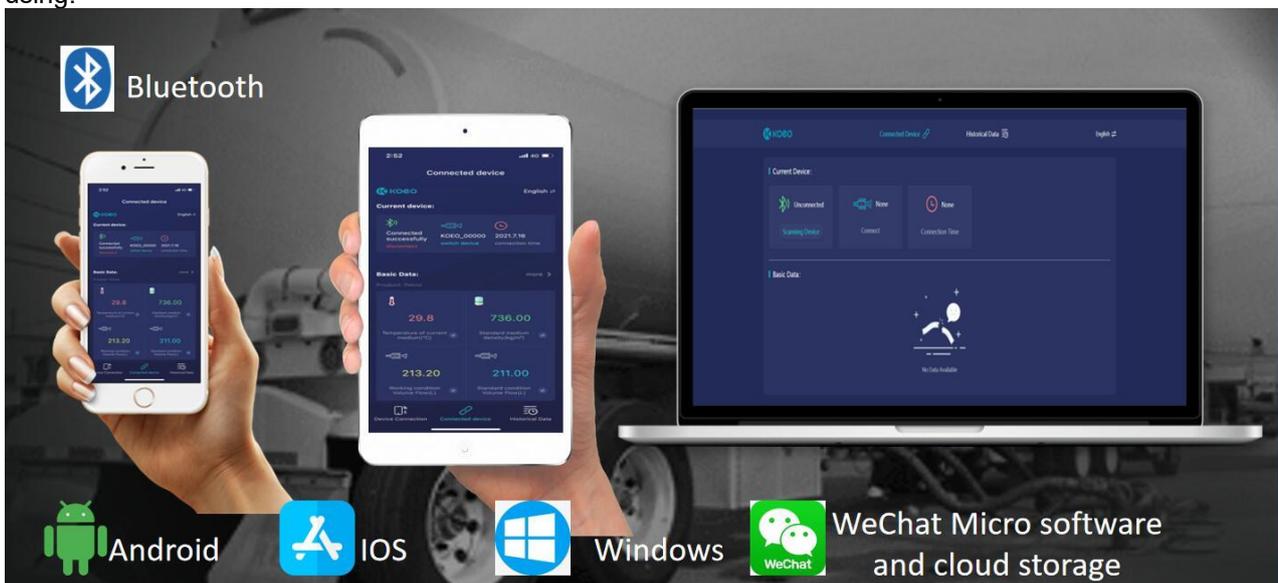
1. Quick & easy to use
2. Mobile & autonomous
3. Lightweight & .compact
4. Multi--products
5. No product retention
6. Bluetooth connectivity
7. Easy maintenance
8. Large LCD screen easy to read
9. Heavy duty
10. History data management
11. Customized fluid parameter
12. Temperature monitoring

### High precision and high reliability:

Measurement accuracy: +/- 0.2%  
 Repeatability accuracy: +/- 0.02%  
 Temperature accuracy: +/- 0.2 °C  
 Automatic calculation of temperature compensation volume (V20)  
 Automatic measurement of oil temperature

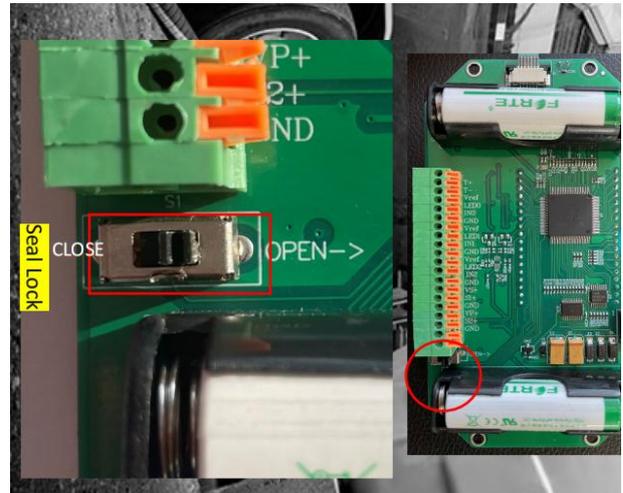
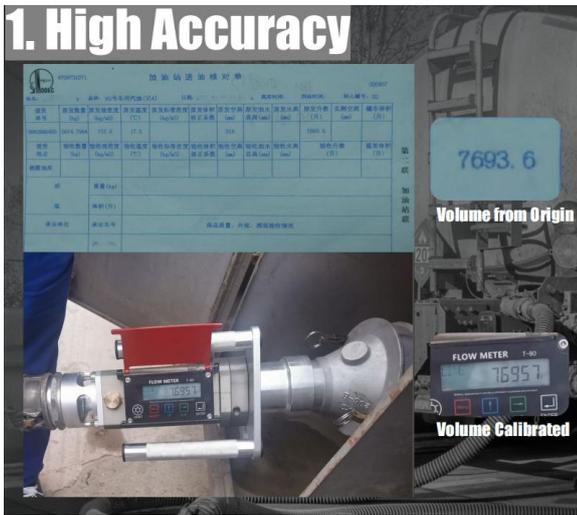
### The measurement data is safe and reliable:

The portable flowmeter realized the whole process of oil unloading automation, eliminating human factors interference. The measurement data can be stored and recorded, ensuring the reliability and security of the data Can be connected to Bluetooth, use standard explosion-proof mobile phones, and can read data normally when using.



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## T-80 Gravity Unloading Flow Meter Key Features:



### 1. High Accuracy

3 flow sensors, 1 temperature sensor  
 $\pm 0.2\%$  accuracy  
 V20 and V15 Double temperature compensation  
 Patent flow measurement Calculation formula

### 2. Device calibration

Password and Seal Lock double protection  
 Calibration of Multi-points

### 3. Bluetooth and App Support

Bluetooth wireless data transmission  
 Measurement data download and send to mailbox  
 App supports windows, android, Apple ISO, WeChat micro software/cloud storage.  
 Export Excel and PDF format report

### 4. Safety

Patent, CE, MID, ATEX certificates  
 Automatic Pressure relief valve, ensure the operation safety

### 5. Easy operation

Multi-products option  
 Low battery consumption, supply long life working.  
 Easy installation  
 Light weight: 6kgs  
 Option transport case  
 Quick products switching  
 LCD display screen, show the product type, temperature, flow volume, flow speed