

Product instructions

Horizontal two in one conjoined meter

1. Product introduction

This series is designed to meet the market development needs and further improve the appearance and function: It has the appearance design of sunshade function, and can still clearly identify the instrument display data in the case of direct sunlight; The appearance adopts simulated three-dimensional leather pattern design, which makes the touch experience more comfortable; The screen frame adopts chrome crossing process, so that the product has good wear and heat resistance; The display screen adopts 3D three-dimensional bar code + digital display to make the display effect more remarkable, and the illumination intensity is humanized design, which is clear and does not hurt the eyes; The core components are imported devices, so that the product has higher precision and longer service life; The product can be used after unpacking and installation. Users can also set the functional parameters required by users according to the setting functions of the product.

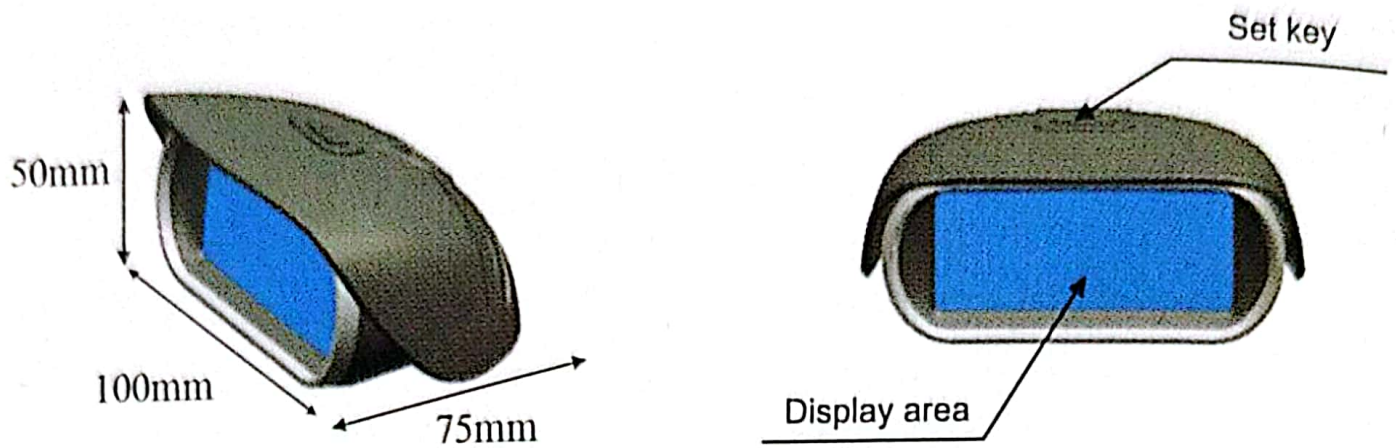
2. Inventory

When unpacking, please confirm whether the product is intact and whether the accessories are complete; The list of products and accessories is as follows:

Product name	Accessories list		
Horizontal liquid crystal Oil water temperature Oonjoined meter	Meter x1	Product specification x1	300cm Water temperature line x1
	Oil pressure sensor x1	Water temperature sensor x1	350cm The signal line x1
	Install the sticker x1	Certificate x1	40cm Power supply line x1
Horizontal liquid crystal Oil voltage Oonjoined meter	Meter x1	Product specification x1	350cm The signal line x1
	Oil pressure sensor x1	Install the sticker x1	40cm Power supply line x1
	Certificate x1	/	/
Horizontal liquid crystal Water temperature voltage Oonjoined meter	Meter x1	Product specification x1	40cm Power supply line x1
	Water temperature sensor x1	Install the sticker x1	300cm Water temperature line x1
	Certificate x1	/	/
Horizontal liquid crystal Double pressure Oonjoined meter	Meter x1	Product specification x1	40cm Power supply line x1
	Air pressure sensor x2	Install the sticker x1	350cm The signal line x1
	Certificate x1	/	/

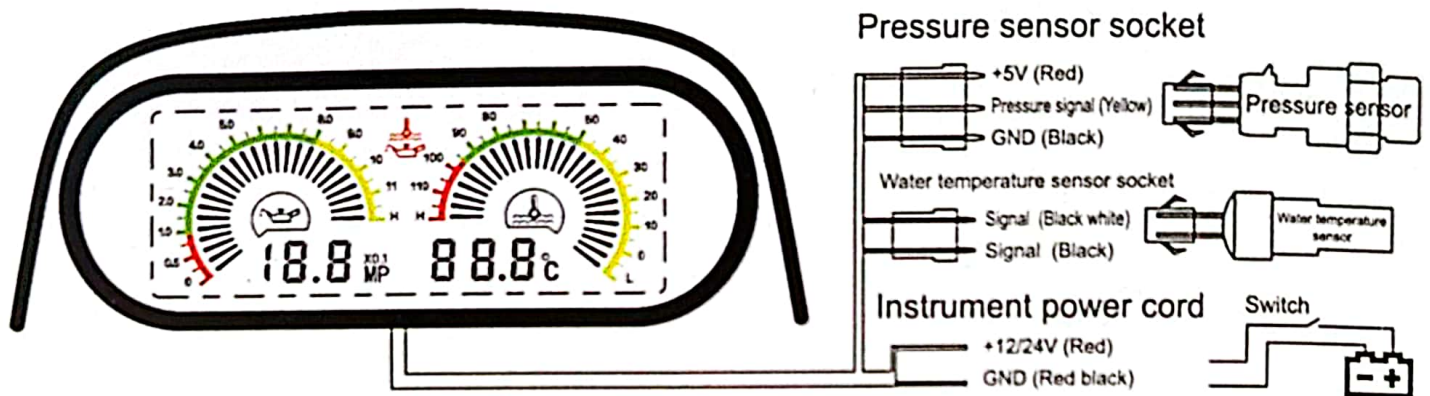
3. Product appearance and installation instructions

1. Product appearance

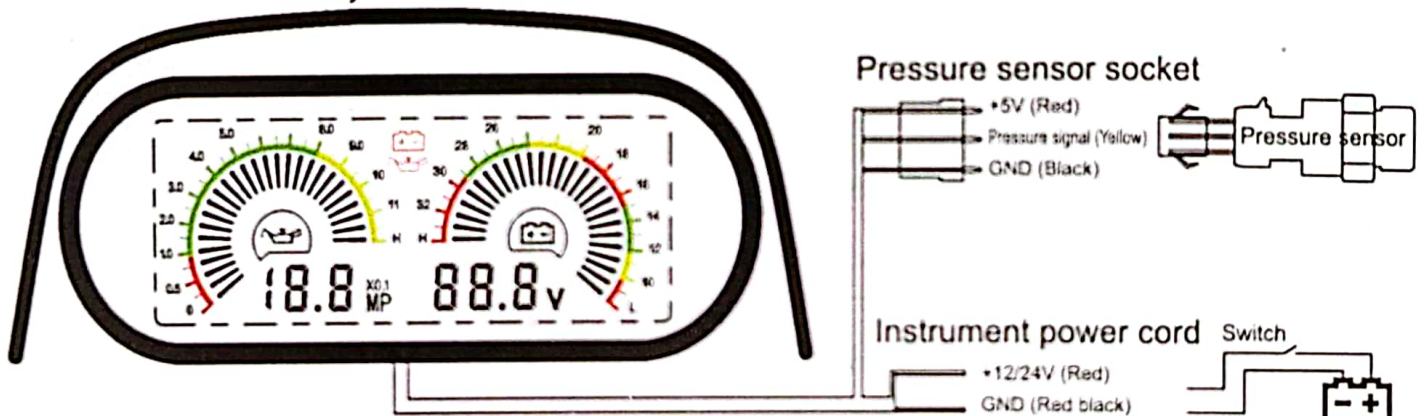


2. Instruction of wiring

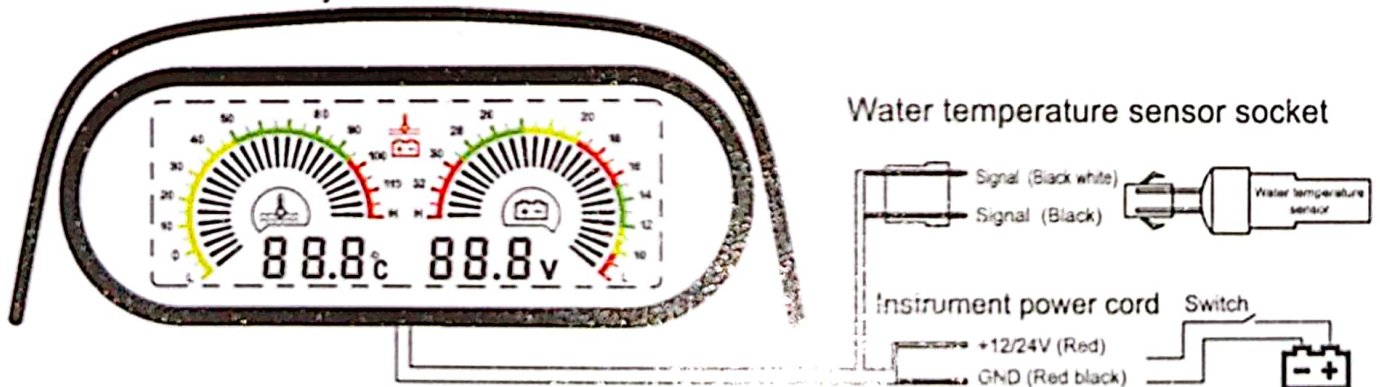
Horizontal liquid crystal Oil water temperature
Oonjoined meter



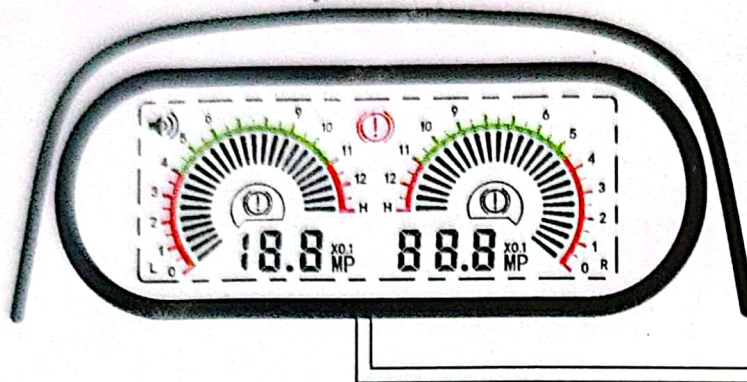
Horizontal liquid crystal Oil voltage
Oonjoined meter



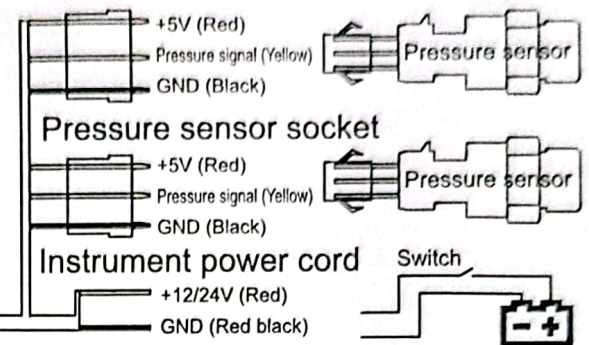
Horizontal liquid crystal Water temperature voltage
Oonjoined meter



Horizontal liquid crystal Double pressure
Conjoined meter



Pressure sensor socket

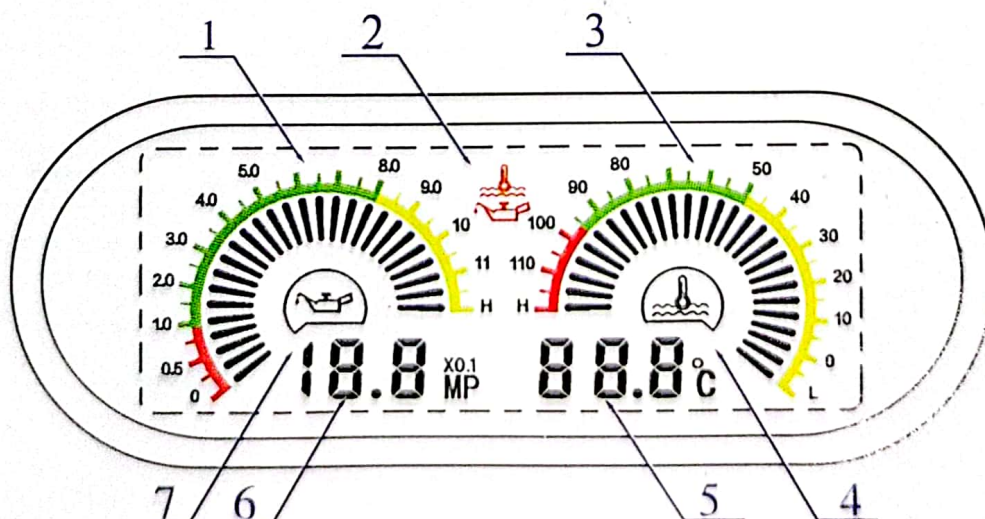


3. Environmental requirements and scope of application

Type	Scope of application	Default alarm value	Accuracy
Work environment	Power supply pressure range	DC9V ~ 36V	/
	Ambient temperature range	-10℃ ~ 50℃	/
	Ambient relative humidity range	≤90%RH	/
Scope range	Oil pressure detection range	0MPa ~ 1.0MPa	<0.1MPa
	Air pressure detection range	0MPa ~ 1.47MPa	<0.4MPa
	Water temperature detection range	-10℃ ~ 110℃	>95℃
	Oil quantity detection range	Empty oil 0% ~ Full of oil 100%	10%
		Impedance ≤1500 Ω	/
	Speed detection range	50RPM ~ 9999RPM	>6000 RPM

4. Display function description

Full screen display status of the main interface: take the horizontal LCD oil and water temperature conjoined meter as an example



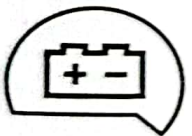










1. Display bar code in the left function area: display the value in the left function area in real time in the form of bar code
2. Alarm icon: the icon lights up when the data in the left or right function area exceeds the safe range

3. Display bar code in the right function area: display the value in the right function area in real time in the form of bar code
4. Right ribbon function icon: displays the function type of the right ribbon
5. Display value in the right function area: display the value in the right function area in real time in digital form
6. Display value in the left function area: real-time display in digital form
7. Left ribbon function icon: displays the function type of the left ribbon

5. Function icon description

Users can choose different function combinations in the following table according to their needs, and then select appropriate products. The following functions are single menu, two in one connected table and four in one connected table.

Icon	Function / schematic
	Oil pressure display area icon
	Water temperature display area icon
	Battery voltage display area icon
	Air pressure display area icon
	Oil quantity display area icon
	Low oil pressure alarm icon
	Alarm icon for water temperature exceeding safety range
	Voltage out of safe range alarm icon
	Low air pressure alarm icon
	Low fuel range alarm icon
	Engine speed out of set range alarm icon

6. Operating instructions and model selection

Basic operation:

Set key:

Alarm tone on / off model selection:

Function type	Threaded joint / length	Applicable models (for reference only)
Oil pressure / Air pressure sensor	NPT1/8	Jiefang 151, new Dawei, Shenwo, Tianlong, Yaxing bus, Isuzu, Mitsubishi, etc
	NPT1/4	Aowei, Hanwei, Yuchai, Dongfeng violet, xinchai, Jianghuai, etc
	M12*1.5	BAIC Foton aoling, ovo air pressure, Foton Heavy Truck, Jieshi, Chongqing Hongyan, oshut, etc
	M14*1.5	Jiefang J6, Aowei, etc
	M16*1.5	HOWO A717H, Shaanxi Automobile Aolong 2000, etc
	M18*1.5	Weichai WD / WP, Shaanxi heavy truck (0766), sinotru Steyr, Weichai DEUTZ, HOWO 09, HOWO 07, Aolong, Auman, Mercedes Benz, etc
	M20*1.5	/
	M22*1.5	/
Water temperature sensor	1/2(21mm)	EQ153, Cummins, coal king, etc
	3/8(17mm)	Dongfeng, Jiefang, Futian, Jianghuai, Yuejin, Yuchai, agricultural vehicles, etc
	16X1.5(16mm)	Fifty Ling, etc
	14X1.5(14mm)	Steyr, Jiuping diesel, Auman, Weichai engine series, etc
	1/8(10mm)	465 / 162, cars, mini cars, jeeps, etc

7. Matters needing attention

1. The instrument and sensor in this product must be used together and shall not be connected with it. The products of other manufacturers and brands are mixed and used, otherwise any losses caused thereby shall be borne by the customer.
2. If you dismantle or change the product without authorization, the product will lose the warranty right.
3. Based on the principle of continuous improvement and sustainable development, the manufacturer can revise the operation manual of the product when notifying the user.
4. The contents in the instructions shall be provided according to the conditions at the time of product manufacturing, unless appropriate. Unless otherwise provided by the applicable law, no express or implied guarantee of any kind shall be made for the accuracy, reliability and content of the document.
5. To the maximum extent permitted by applicable law, in any case, the manufacturer, neither the Distributor shall be liable for any special, incidental, incidental or indirect loss, whether caused by any reason.

8. After sale service

1. The after-sales service period is: replacement within 15 days and warranty within 12 months.
2. One of the following situations does not fall within the scope of Three Guarantees:
 - 1: Beyond the after-sales service period
 - 2: Damage or abnormal function caused by failure to use, maintain and maintain according to the instructions
 - 3: Damage or abnormal function caused by unauthorized disassembly, maintenance or modification of product firmware
 - 4: Collision, immersion, damage or circuit board burning
 - 5: Damage of shell, display screen and cable caused by use
 - 6: missing accessories