

DOSEEM DSHUD-10 Pressure head-up display device

HUD is mounted on the double current side of the mask, and the color change of the air pressure indicator light can be seen, prompting the use of the gas cylinder.

Green light: cylinder pressure above 10MPa; **yellow light:** cylinder pressure between 10~6MPa; **red light:** cylinder pressure below 6MPa.



Article number: 02056



Backplane transmitter

The backplane transmitter can transmit the empty exhalation bottle pressure and the remaining amount of available time data to the pressure head-up device (HUD) via bluetooth for light prompting. Effectively avoid delaying the rescue time by looking down at the pressure gauge and affecting attention.

The backplane transmitter maintains continuous output and reception of bluetooth signals with and pressure head-up display devices.



Article number: 02051

Electronic pressure gauge

Both the pointer and the screen of the electronic pressure gauge can show the cylinder pressure. At the same time, the data is transmitted to the HUD via Bluetooth to light up. Effectively avoid delaying the rescue time by looking down at the pressure gauge and affecting attention.



Article number: 02061



ELECTRONIC PRESSURE GAUGE TECHNICAL DATAS

Product name	Electronic pressure gauge
Model	DSFSB-1 (The transmitting end)
Explosion-proof grade	Ex ia IIC T4 Ga
Enclosure protection level	IP67
Transmit power	4mW
Pointer display table accuracy	Level 1.6
Digital pressure display accuracy	Level 1.6
Operating temperature	-30°C~60°C
Size	97mm*64mm*40mm
Weight	200g
Continuous working time	>10h
Continuous alarm time	>2h
Theoretical standby time	1 year
Continuous operating time when the battery is under voltage	>2h
Power supply battery	2 Section on the 1.5V E92 AAA 7th batteries

ADVANTAGE

LED display

Accurate information about the cylinder pressure is always provided by the red, yellow and green LED indicators on the HUD. The pressure gauge uses a high-brightness LED light source, display cylinder pressure, and it is clear. Display automatically adapts to the ambient brightness, and the pressure information can be clearly displayed even under conditions of insufficient light or strong light.

Low pressure sound and light warning

In addition to the low pressure alarm of the positive pressure respirator, if the cylinder pressure reaches the low pressure alarm value, the red LED on the HUD will flash and an alarm tone will sound. Electronic pressure gauge will also emit sound and light alarms at the same time. This provides additional warnings to the operator.

Information display is comprehensive

Electronic pressure gauge can display cylinder pressure, remaining air volume, available air volume available time, on-site ambient temperature, and the respirator information is clear at a glance.

Long usage time

The HUD battery has an average operating time of 200 hours and the electronic pressure gauge has a continuous working time of more than 10 hours. Battery replacement is simple and convenient without using tools.

Bluetooth pairing

Electronic pressure gauge or pressure head-up display device and HUD are paired through Bluetooth to realize real-time data transmission, which is convenient and fast, and reduces cost and connection errors.

Easy loading and unloading

HUD can be easily assembled into the mask and can be assembled quickly without tools, saving time. In case of emergency, it takes only a few seconds to transfer HUD inside the mask.

Quadruple protection

Waterproof, dustproof, drop-proof, explosion-proof (explosion-proof grade: Ex ia IIC T4 Ga). It can adapt to complex working environments.

Comprehensive protection

HUD is fully protected inside the mask and will not be damaged by heat, humidity or chemical shocks.

HUD TECHNICAL DATAS

Product name	Pressure head-up display device
Model	DSHUD-10 (Receiving end)
Explosion-proof grade	Ex ia IIC T4 Ga
Enclosure protection level	IP67
Operating temperature	-30℃~60℃
Weight	52g
Theoretical standby time	>1 year
Continuous working time	> 200h
Power supply battery	1 section 3.0V CR2 lithium battery
Working time at low voltage	> 2h

BACKPLANE TRANSMITTER TECHNICAL DATAS

Product name	Backplane transmitter
Model	DSBBFS-10
Explosion-proof grade	Ex ia IIC T4 Ga
Enclosure protection level	IP67
Transmit power	4mW
Weight	99g
Power supply battery	2 Section on the 1.5V E92 AAA batteries

Manufacturer

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