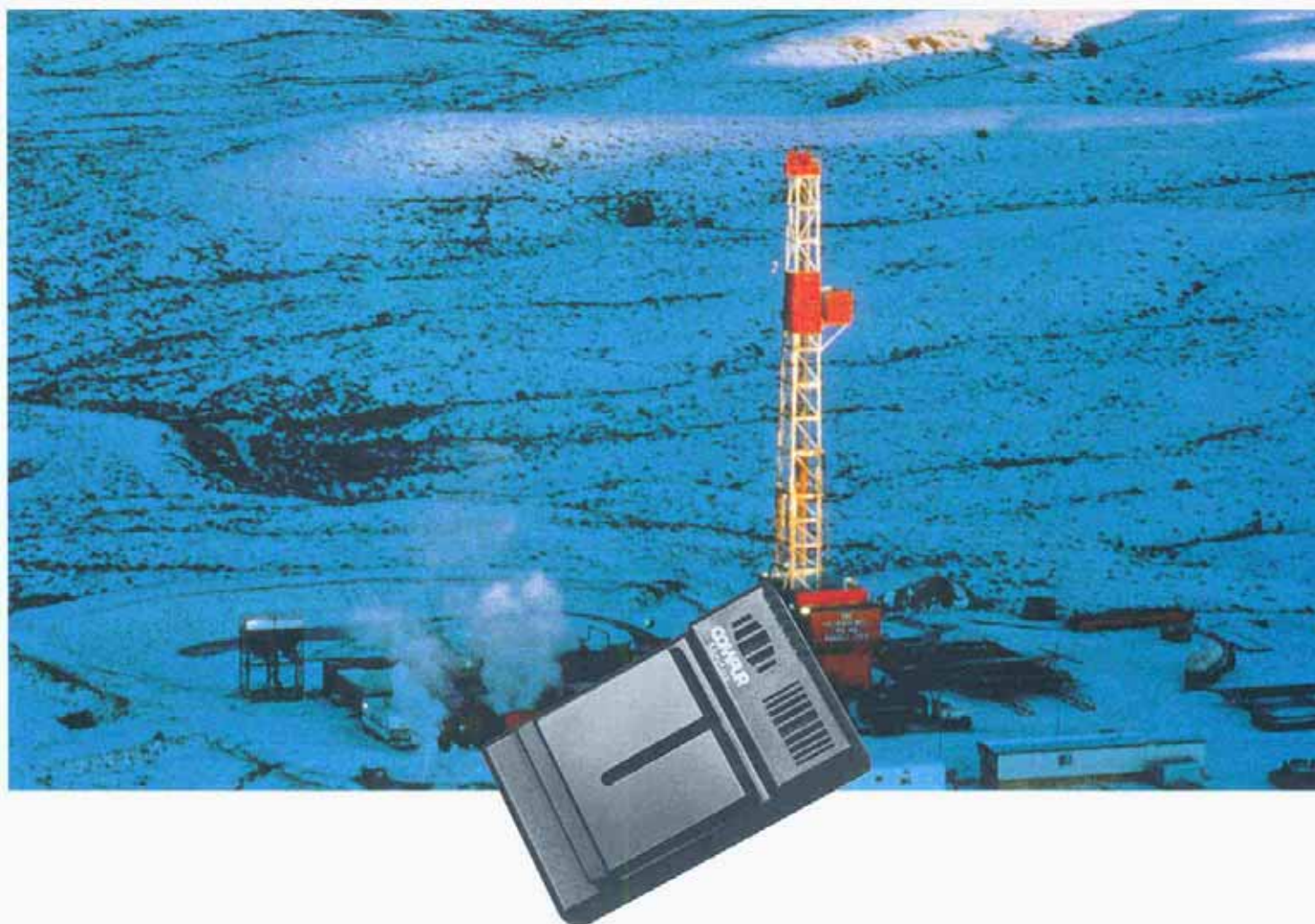


Personal Monitor for Hydrogen Sulfide: Compur Minitox



Compur Minitox

Hydrogen Sulfide Personal Protection in a Small Package.

The Minitox offers personal monitoring protection in areas with the potential of toxic concentrations of deadly hydrogen sulfide gas. Once the alarm threshold of 10 ppm is exceeded, an earpiercing audible alarm is generated which alerts the user of the danger. Handy and lightweight, this monitor offers protection anywhere you go.

As Reliable as the Big Ones

When activated by the ON/OFF switch, it automatically self-tests the battery, electronics and the buzzer alarm. As with all Compur Monitors instruments it is equipped with a field-proven electrochemical gas specific sensor that has proven its reliability thousands of times. The new monitor is compatible for use with the Compur gas generator which offers a "go/no go" sensor response check within 10 seconds.

Extremely User-Friendly

The small size and ruggedness of the Minitox is truly remarkable. Its dimensions of 3.3x2.2x0.8" and weight of 2.5 oz will only be noticed by the user when it is in alarm condition. To make it even more handy the clip is located on the front of the instrument which allows it to be worn in a pocket.

No Maintenance, Long Life

The Minitox comes ready for use. Its expected lifetime is 2 years. It features the option to be recalibrated. This can be easily performed by authorized Compur Monitors distributors.

The ON/OFF switch makes sure that the Long-life Lithium battery is only discharged when the instrument is in use.



Sensor

sensor type:	electrochemical 2 electrode gel type
maximum gas load:	1000 ppm (short term)
expected life time:	appr. 2 years

Alarm

method:	audible
standard threshold setting:	10 ppm
accuracy:	± 1 ppm
threshold setting range:	adjustable from 5 to 15 ppm
loudness:	> 80 dB at 30 cm distance > 100 dB at instrument
time to alarm:	< 10 s at 20 ppm and 20°C (68°F) < 25 s at 20 ppm and -20°C (-8°F)

General specifications

battery type:	2x 3V Lithium
life expectancy:	> 4000 hours under nominal operating conditions > 3400 hours incl. 7 hours alarm time
working temperature range:	-20°C (-4°F) to 55°C (131°F)
storage temperature range:	-35°C (-31°F) to 65°C (149°F)
humidity range:	20 to 95% r.h., non condensing
barometric pressure range:	920 - 1120 hPa
dimensions:	85 x 55 x 20 mm (3.3 x 2.2 x 0.8")
weight:	72 g (2.5 oz)
art number:	500 635

Certifications

protection class:	intrinsically safe; EEx ib IIC T6
electrical interference:	BVS certificate number 86.004 EMC tested - CE conform

Special features and accessories

gas generator available for true function test (art. number 510 329)
calibration gas adapter available (art. number 510 162)
power ON/OFF switch
automatic self test at power ON with audible signal
continuous battery test

COMPUR
Monitors

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