



## GAS WARNING SYSTEMS

# Accessories



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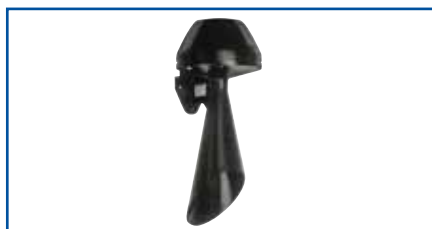
## Alarm horn (small version)

**Technical data:**  
 Housing: Shock-proof thermoplastic (ABS), light gray  
 Protection class: IP 43 (DIN 40050 / IEC 529)  
 Sound level: approx. 92 dB (A), 3.28 feet  
 Dimensions (WxHxD): a) 2.8 x 6.7 x 3.1 inch; b) 2.8 x 10.1 x 3.1 inch  
 Weight: approx. 0.44 lbs  
 Mains supply: 115 V/60 Hz or 230 V/50 Hz, 12 V=, 24 V=  
 Power consumption: 2 W  
 Option: with integrated warning light



## Alarm horn (large version)

Alarm signal for damp rooms and external installation  
**Technical data:**  
 Housing: Shock-proof thermoplastic (ABS), light gray  
 Protection class: IP 54 (DIN 40050 / IEC 529)  
 Sound level: approx. 110 dB (A), 39.37 inch  
 Dimensions (WxHxD): 5.8 x 14 x 6 inch  
 Weight: 2.42 lbs  
 Mains supply: 115 V/60 Hz or 230 V/50 Hz, 12 V=, 24 V=  
 Power consumption: 20 W



## Alarm horn (ex version)

Alarm signal for explosion and firedamp endangered factories  
**Technical data:**  
 Housing: PC/ABS  
 Protection class: IP 55 (DIN 40050 / IEC 529)  
 Sound level: approx. 110 dB (A), 39.37 inch  
 Dimensions (WxHxD): 5.8 x 14 x 6 inch  
 Weight: approx. 2.75 lbs  
 Mains supply: 115 V/60 Hz or 230 V/50 Hz, 12 V=, 24 V=  
 Power consumption: approx. 22 W



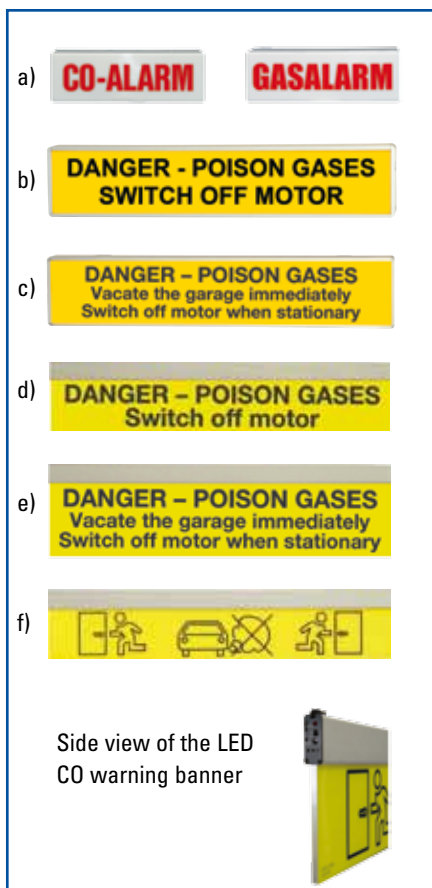
## Rotating mirror lamp

Motor-driven rotating lamp for optical warning of inadmissibly high levels of gas concentration.  
**Technical data:**  
 Housing: Plastic base, transparent yellow glass guard  
 Protection class: IP 56; Optional mounting position  
 Mirror revs.: 160 r.p.m., continuous operation  
 Dimensions: Ø 5.59 x 8.5 inch  
 Mains supply: 115 V/60 Hz or 230 V/50 Hz, 12 V=, 24 V=  
 Power consumption: 40/45 W



## Warning flasher

Pulsating lamp (flashlight) for optical warning of inadmissibly high levels of gas concentration  
**Technical data:**  
 Housing: Plastic base, transparent yellow glass guard  
 Protection class: IP 54; Optional mounting position  
 Dimensions: Ø 4.25 x 5.24 inch  
 Mains supply: 115 V/60 Hz or 230 V/50 Hz, 12 V=, 24 V=  
 Power consumption: 5 W



Side view of the LED CO warning banner

## Warning banner

Optical warning for inadmissibly high levels of gas concentration. Double-side black lettering on a yellow background. Other lettering available on request.

### Technical data:

- a) **Version single** (3x15 W); Mains supply = 115 V 60 Hz  
Dimension (WxHxD): IP 30 = 9.05 x 2.95 x 2.99 inch  
IP 54 = 14.49 x 5.83 x 4.41 inch  
IP 65 = 12.2 x 6.1 x 3.94 mm

### also as LED-version (24V)

- b) **Version single** (3 x 15 W)  
**or version with integrated emergency supply voltage** (comprising accumulator, charger unit with discharge protection and flasher relay); Mains supply: 115V 60 Hz  
Dimension (WxHxD): 39.4 x 8.1 x 3.9 inch (2 lines)
- c) **The same like number b)**  
Dimension (WxHxD): 51.2 x 10.2 x 3.9 inch (3 lines)
- d) **LED-CO warning banner with stand-by voltage supply "Danger - poison gases/Switch off motor" – without figure**  
Appropriated for pendant or wall mounting. Fitted with: flashing device, discharge protection with power reclosing lockout and switch-over electronics together with a maintenance free NiMH-battery for 4,8V; with double-sided black lettering on a yellow background. Flashing at least 1 hour in case of alarm, with 1 m connection cable.  
Mains supply: 90 V AC – 264 V AC, 2W; protection class IP30;  
Dimension (WxHxD) = 39.4 x 8.1 x 3.9 inch
- e) **LED-CO warning banner (3 lines) – without figure the same like number d)**  
"Danger - poison gases/Vacate the garage immediately/ Switch off motor when stationary"  
Dimension (WxHxD) = 51.2 x 10.2 x 3.9 inch
- f) **LED-CO warning banner the same like number d) – with pictograms – equivalent to:**  
"Leave the garage immediately. Switch off motor when stationary". Flashing at least 1 hour in case of alarm, with 1 m connection cable.  
Mains supply: 90 V AC – 264 V AC, 2W; protection class IP 30;  
Dimension (WxHxD) = 39.4 x 8.1 x 3.9 inch

**All versions conform to garage regulations.**



## Mains Stand-by supply unit USV

The unit provides all supplies for the warning systems (banners, alarm horns), in the case of a normal type of failure in the mains supply. The unit contains a maintenance-free battery, an inverter, a charger unit and mains supply monitoring.

### Technical data:

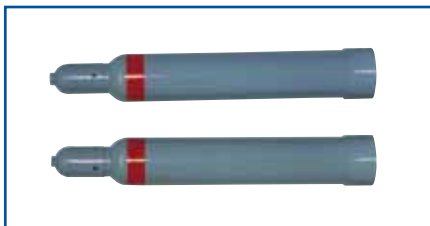
- version A: 115 V / 60 Hz, 500 VA: 17.3 x 21.6 x 3.3 inch (WxHxD)
- version B: 115 V / 60 Hz, 1.000 VA: 17.3 x 10.4 x 15.9 inch (WxHxD)
- version C: 115 V / 60 Hz, 2.000 VA: 17.3 x 17.3 x 25.6 inch (WxHxD)
- version D: 115 V / 60 Hz, 6.000 VA: 17.3 x 17.3 x 26.8 inch (WxHxD)



## Stand-by power supply UPS 2000

For uninterrupted operation of the ADOS units: LON®-Center 2000, MWS 903, MWS 906 and GWA 2000. Compact housing with NiMH batteries, with on/off switch. Permanent discharge device and exhaustive discharge protection.

- Voltage: 115 V / 60 Hz or 230 V / 50 Hz (optional)
- Power consumption: 18 VA
- Protection class: IP 54
- Dimension (WxHxD): 9.45 x 6.3 x 3.54 inch
- Weight: 4. lbs



## Test gas bottle

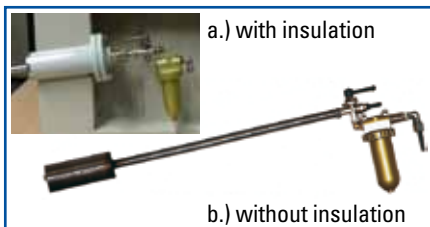
- zero-point-gas: synthetic air
- N-Butane in synthetic air (calibration gas)
- for non-aggressive gases
- for hydrogen sulphide (in stainless steel)
- content: 2.64 gal
- filling pressure: min. 100 bar



## Pressure reducer

Pressure reducer for connection to test gas bottles

Inlet pressure: max. 200 bar  
 Output pressure: 0,1 bar – 3 bar  
 Material: Brass



## Sampled gas extraction

Carborundum filter with protective cap, gas sampling pipe with isolating valve and test gas valve

Versions: V 4 A material (1.4571)  
 a) with insulation  
 b) without insulation



## Mounting stubs

Mounting stubs with single flange for mounting the gas extraction pipe.

Versions:  
 - material V4A (1.4571)  
 - material St 37  
 - with single flange DN 50 / PN 6, 5.91 inch long



## Heated extraction pipe

### Technical Data:

Length: 3.28 ... 328 feet  
 Operation temperature: 149 °F ... 248 °F  
 Nominal width: 4 ... 8  
 Nominal voltage: 115 V=  
 Outer diameter: 1.65 inch  
 End caps: with pull relief and bend protection in PA 6 or silicone  
 Outer protection: polyamide 6 ring-spindle tube, flame retardant, halogen-free  
 Temperatures: -104 °F ... +302 °F, temporary > 302 °F  
 Optional accessory: temperature controller



## Room probes

Gas extraction system – housing of shock-proof plastic; Exchangeable filter material.

Technical Data:  
 Dimensions: Ø 3.15 x 1.26 inch; Ø 5.9 x 1.26 inch  
 Version: Lateral connection – with hose connector or cutting ring couplings